MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, August 12, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Ecuador	5	14.11	6	6.10	6	13.27	6	21.30	American	Pacific Mail Steamship Co	380.6	48.7	23.6	New York	San Francisco	General	2,899	5,926	4,178
Ethan Allen	5	16.15	6	7.32	6	15.04	6	16.00	American	Tampa Interocean. S. S. Co. S.B.	439.0	60.0	23.0	Galveston	Yokohama	General, sulphur.	6,845	8,987	6,534
Tongking [1]	6	13.35	7	6.22	7	13.57	7	15.00	Danish	East Asiatic Steamship Co	398.2	53.6	20.7	Copenhagen	San Francisco	General	5,339	7,013	5,317
Port Napier	6	17.38	7	6.53	7	15.05	7	16.00	British	Commonwealth and Dom. Line	490.2	61.0	25.0	London	Auckland	General	4,248	10,987	8,165
Sciota [2]			7	7.30	7	14.57			American	U. S. Navy				Cristobal	Balboa				
San Zotico	7	6.46	7	8.48	7	16.29	7	17.12	British	Eagle Oil Transportation Co	400.2	52.0	16.4	Avonmouth	San Francisco	Ballast		6,032	3,892
Garfield	6	21.02	7	11.05	7	17.55	8	1.25	American	Grace Line	300.0	45.0	18.10	New York	Salaverry	General	2,643	3,228	2,010
Maple Branch	7	12.22	7	12.35	7	19.30	7	21.45	British	Nautilus Steamship Co	400.0	52.0	21.6	Port Talbot	Talcahuano	General	4,580	5,618	4,116
Italia	7	11.52	7	13.00	7	20.28	8	12.14	Swedish	Swedish Lloyds	285.6	41.0	17.8	New Orleans	Talcahuano	General	2,573	2,381	1,458
Salvador	7	7.00	8	6.10	8	13.35	8	17.14	British	Pacific Steam Navigation Co	225.0	35.4	15.0	Pto. Colombia	Tumaco	General	660	1,213	692
Endicott	8	5.14	8	10.40	8	17.45	8	18.18	American	Barber Line (S. B.)	402.0	56.4	27.6	New York	Yokohama	Steel, oil, cotton.	7,854	6,929	5,182
Duendes	8	13.10	9	6.07	9	14.04	9	15.30	British	Pacific Steam Navigation Co	390.0	50.0	23.7	Liverpool	Guayaquil	General	4,050	6,014	4,494
Mexican	8	16.52	9	7.40	9	14.53	9	15.44	American	American-Hawaiian Line	472.3	57.2	26.0	Boston	Seattle	General	7,019	9,258	6,789
Amalthus	8	19.30	9	8.10	9	15.50	9	17.10	British	Anglo-Saxon Petroleum Co	412.0	53.8	21.6	Cardiff	San Francisco	Ballast		6,242	4,300
Australia	9	8.27	9	9.00	9	16.44	10	2.00	British	British-India Steam Nav. Co	482.0	62.0	28.0	Liverpool	Auckland	General	7,944	9,453	6,544
Marore	9	9.45	9	10.10	9	18.30	9	19.30	American	Ore Steamship Corp	550.0	72.0	24.0	New York	Cruz Grande	Ballast		15,551	4,297
Amur Maru	9	9.50	9	10.55	9	19.25	9	20.50	Japanese	Osaka Shosen Kaisha	425.0	56.0	25.0	New York	Yokohama	Iron, steel, mach	5,265	7,901	5,629
Advance	7	9.03	9	11.50	9	20.02	10	4.10	American	Panama Railroad Steamship Line	295.0	38.5	18.8	New York	Guayaquil	General	450	2,947	2,113
Conde de Churruca	5	16.55	10	6.35	10	14.02	10	15.00	Spanish	Soc. Com. de Oriente	383.0	48.7	17.0	Tampico	Los Angeles	Ballast		4,813	2,957
Hamburg Maru	10	6.08	10	11.30	10	18.58	10	20.45	Japanese	Osaka Shosen Kaisha	400.0	54.0	14.0	New Orleans	Yokohama	Silk goods	1	6,094	4,301
Steelage	10	11.38	10	11.45	10	19.49	10	21.25	American	U. S. Steel Products Co	395.5	55.0	27.0	Baltimore	Honolulu	Miscellaneous	8,665	7,285	5,256
City of Oran	9	17.36	10	13.05	10	20.53	10	22.40	British	Ellerman Lines	464.5	58.1	23.10	New York	Shanghai	General	6,817	9,533	7,417
Laura C. Hall [3]	9	17.47	11	6.26	11	13.19	12	13.22	British	Pacific Metals Corp	81.0	25.6	9.0	Cristobal	Buenaventura	General	9	132	72
F. H. Hillman	11	10.45	11	10.55	11	18.03	11	18.58	American	Standard Oil Co	500.0	68.2	20.0	Philadelphia	San Francisco	Ballast		11,225	7,913
Ruysdael	11	12.35	11	13.05	11	20.35	11	22.55	British	Bolton Steamship Co	401.0	51.0	23.6	Newcastle	Callao	Coal and coke	5,064	5,195	3,734
Edward Luckenbach	11	16.33	12	6.25	12	13.59	12	15.01	American	Luckenbach Line	436.0	57.0	25.0	Philadelphia	Los Angeles	General, steel	6,373	8,543	6,427
Ensley City	11	19.12	12	7.05	12	15.00	12	16.12	American	Isthmian Steamship Line	395.5	55.0	27.6	New Orleans	Kobe	Steel rails, etc.	7,772	7,285	5,256
Minnesotan	11	15.48	12	8.25	12	16.02	12	17.18	American	American-Hawaiian Line	407.0	53.7	24.2	Boston	Los Angeles	General	4,819	7,150	4,913
Ganymedes	11	10.05	12	9.16	12	17.42	12	18.58	Dutch	Royal Netherlands W. I. Mail	340.0	48.0	14.6	Hamburg	Talcahuano	General	1,740	4,214	3,123
Mantaro	5	15.04	12	10.58	12	19.07	12	20.14	Peruvian	Peruvian Line	367.3	46.0	19.0	Cristobal	Callao	General	378	4,838	2,959
West Jappa	12	9.57	12	12.55	12	19.57	12	20.40	American	Swayne & Hoyt (S. B.)	410.5	54.2	24.8	Buenos Aires	San Francisco	(5)	7,467	6,755	4,873
Cara [4]			12	7.15	12				American	Mitchell Hedges				Cristobal	Balboa	Ballast			

[1] Motor ship. [2] Tug. [3] Motor schooner. [4] Launch. [5] Bones, fertilizer, coffee, hides, and nuts.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Ballena	5	19.00	6	6.49	6	14.35	7	12.30	British	Pacific Steam Navigation Co	400.1	53.0	24.0	Punta Arenas	London	General	6,046	5,927	4,178
D. Wiegland	6	9.30	6	10.38	6c	18.20	6	21.05	German	Roland Line	393.4	54.0	24.0	Corral	Antwerp	General	6,384	6,573	4,629
Iwate	5	8.00	7	7.03	7	14.11	10	15.05	Japanese	Japanese Government	434.0	68.7	26.0	San Pedro	South America				
Asama	5	8.00	7	7.59	7	15.25	10	15.05	Japanese	Japanese Government	434.0	68.7	27.5	San Pedro	South America				
Idzumo	5	8.00	7	8.59	7	16.38	10	15.05	Japanese	Japanese Government	434.0	68.7	26.0	San Pedro	South America				
San Joaquin	4	15.45	7	9.44	7	16.55	7	16.59	Norwegian	W. Wilhelmsen	425.0	57.1	26.5	Los Angeles	Tampico	Oil	9,300	7,059	5,043
Anglo Mexican	6	19.00	7	10.48	7	18.35	7	21.35	British	Lawter Tatta & Co	394.0	52.4	25.6	San Francisco	Cristobal	Barley	7,320	6,163	4,452
Osterndorf	7	17.00	7	11.51	8	11.31	8	12.02	German	Vinnen Gebouder	311.0	45.0	19.10	Champerico	Hamburg	Sugar, coffee	3,326	3,411	2,496
Pennsylvanian	30	1.12	7	14.11	7	21.35	8	14.05	American	American-Hawaiian Line	416.2	53.6	28.2	Seattle	Hamburg	General	8,039	7,107	4,916
Durban Maru	8	0.06	8	8.01	8	15.55	8	15.55	Japanese	Nippon Yusen Kaisha	420.0	56.0	21.6	Manila	New York	General	7,543	7,445	5,345
Alsace	3	8.30	8	8.30	9	1.03	11	6.20	French	M. Volonssiere & Co	188.11	39.0	19.0	Potosi	Havre	Dyewood	1,087	1,140	854
Alvarado	9	3.30	9	7.33	9	14.50	10	18.00	British	McAndrews & Co	303.0	43.0	16.4	Guayaquil	New York	General	1,225	2,843	1,748
K. J. Luckenbach	9	2.00	9	7.58	9	15.25	9	15.25	American	Luckenbach Line	470.0	57.0	28.0	San Francisco	Boston	General, lumber	8,000	8,552	6,236
Saint Andre	8	15.40	9	8.14	9	16.38	10	12.05	French	General Transatlantic	397.9	50.5	27.0	Caleta Buena	Santander	Nitrate	6,800	5,917	4,146
Santa Clara	9	5.25	9	8.31	9	17.05	9	18.55	American	Atlantic & Pacific Steamship Co.	404.6	53.9	23.5	Iquique	Baltimore	Nitrate	8,500	6,759	4,503
Robin Goodfellow	9	7.30	9	9.11	9	17.39	9	17.39	American	Seas Shipping Co	424.8	55.2	24.0	Los Angeles	New York	Lumber		7,473	5,536
Laura C. Hall[3]	9	5.00	9	9.57	9	17.49	11	6.26	British	Pacific Metals Corp	81.0	26.0	1.0	Buenaventura	Cristobal	Coffee, drums	71	132	72
Rimutaka	9	12.20	10	7.01	10	15.05	10	22.36	British	New Zealand Shipping Co	458.0	58.0	24.6	Wellington	London	Cold storage	4,500	9,125	8,627
West Haven	9	3.15	10	7.46	10	17.06	10	17.06	American	Atlantic Gulf & Pacific Co	409.6	54.2	24.6	Seattle	Baltimore	General, lumber	7,781	6,665	5,020
Acme	10	1.00	10	8.50	10	15.53	10	15.53	American	Standard Transport Co	435.0	56.0	18.6	Shanghai	New York	Ballast		7,405	5,166
Trontolite	10	8.40	10	9.36	10	15.38	10	17.38	American	Standard Oil Co	419.0	57.0	25.0	Talara	New York	Naphtha	8,339	7,344	5,384
Gladiator	10	11.45	10	12.34	10	20.21	10	21.36	British	T. & J. Harrison	409.0	52.0	23.6	Vancouver	Liverpool	General	7,800	6,434	4,741
Sciota[6]			11	10.47	11	17.00			American	U. S. Navy	149.0	30.0		Balboa	Cristobal				
Huasco	10	22.00	12	7.15	12	14.10			Chilean	Chilean Line	380.0	44.0	21.0	Talcahuano	Cristobal	General	2,024	4,552	3,182
Santa Tecla	10	12.50	12	8.09	12	14.52	12	21.10	American	Grace Line	298.6	40.0	15.0	Supe	New York	General	755	2,832	1,803
Bratsberg	11	16.45	12	8.52	12	16.30	12	18.32	Norwegian	A. S. Bergstad	346.0	49.6	22.6	Portland	Montreal	Lumber	5,000	4,263	3,042
Pacific	11	22.15	12	10.03	12	17.15	13	11.00	American	Argonaut Steamship Co	399.7	56.2	24.0	Honolulu	Boston	Pineapple (case)	6,000	6,479	4,709
Agwidale	12	3.50	12	10.35	12	17.50	12	20.25	American	Mallory Steamship Co	370.0	53.0	27.6	Grays Harbor	New York	Lumber	4,720	5,527	4,138
Carmarthenshire	12	8.00	12	10.55	12	19.25	13	6.35	British	Royal Mail Steam Packet Co	470.0	58.0	27.10	Vancouver	Liverpool	General	7,950	9,679	7,061
Adour	12	8.50	12	12.50	12	20.22	12	22.37	Norwegian	K. Solvesen	310.0	44.6	22.0	Caleta Buena	Jacksonville	Nitrate	4,708	3,550	2,595
Virginian	12	14.05	12	14.43	12	22.30	14	5.25	American	American-Hawaiian Line	491.5	52.8	26.8	Seattle	Hamburg	General	9,000	10,491	7,546

[6] U. S. Navy tug.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
August 6	Abangarez	United Fruit Co	New Orleans via Habana.
August 6	Pastores	United Fruit Co	Port Limon.
August 6	Stuyvesant	Royal Netherlands W. I. Mail	Amsterdam via wayports.
August 7	Parismina	United Fruit Co	New Orleans.
August 8	Ulua	United Fruit Co	New York via Habana.

*DEPARTURES.

Date.	Vessel.	Line.	For—
August 6	Pastores	United Fruit Co	New York via Habana.
August 6	William Green	Pan-American Pet. Transp. Co	Tampico.
August 7	Bravo[7]	Mexican Government	Port-of-Spain.
August 7	Coahuila	Mexican Government	Port-of-Spain.
August 7	Abangarez	United Fruit Co	Bocas del Toro.

[7] Mexican gunboat.

(Continued on page 12, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, August 19, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kennecott[1]	12	14.20	13	6.20	13	13.54	13	14.59	American	Alaska Shipping Co	345.3	49.6	18.0	New York	Los Angeles	General	3,178½	4,593	3,381
Stanley Dollar	13	6.45	13	11.52	13	17.34	13	18.05	American	Dollar Line	288.0	44.6	18.6	Baltimore	Los Angeles	General	2,100	3,460	2,404
Mineola	13	4.46	13	12.25	13	18.23	13	18.55	American	Grace Line	298.6	40.0	16.6	New York	Talara	General	1,458	2,835	1,805
Moonlite[2]	13	2.50	13	15.50	14	12.14	17	11.09	American	Pacific Steamship Co	252.0	43.7	24.0	Newport News	Los Angeles	General	1,558	2,121	1,669
Alaska	12	21.13	14	6.14	14	14.39	14	15.38	French	French Line	425.0	55.0	19.2	Antwerp	Seattle	General	500	6,990	4,854
Steel Worker	13	15.20	14	7.15	14	15.44	14	17.01	American	U. S. Steel Products Co	424.2	56.2	27.5	New York	Seattle	General	8,800	7,611	5,497
Jacob Luckenbach	14	8.30	14	9.00	14	17.29	14	18.36	American	Luckenbach Line	414.5	53.7	27.0	Mobile	Seattle	General	5,000	7,315	5,270
Stathis	14	19.37	15	6.25	15	13.45	15	15.09	British	Glover Brothers	400.0	52.0	25.0	Cardiff	San Francisco	Coal	5,932	6,053	4,542
Ravnanger	15	7.00	15	7.30	15	14.45	15	16.02	Norwegian	H. Westfal Larsen Co	335.6	48.2	20.0	Halifax	Portland	Railroad steel	3,400	3,664	2,471
President Taft	15	8.00	15	8.40	15	15.50	15	16.47	American	Pacific Mail S. S. Co. (S. B.)	517.0	72.2	25.3	New York	San Francisco	Ballast	.....	15,234	10,405
Torrey	15	8.25	15	10.25	15	17.00	17	16.29	Norwegian	Martin Mosvold	400.0	52.6	16.0	New Orleans	Shanghai	General	3,025	6,698	4,990
Sumatra Maru	15	9.15	15	10.55	15	18.19	16	12.45	Japanese	Osaka Shosen Kaisha	385.0	51.0	25.10	New Orleans	Kobe	Kerosene, gen	5,755	5,809	4,416
Poleric	14	15.45	15	11.25	15	19.07	15	20:38	British	Andrew Weir & Co	461.0	53.0	27.10	New York	Manila	General	7,000	8,249	5,929
Sherman	15	10.20	15	11.58	15	19.52	15	21.22	American	Sherman Steamship Co	400.3	45.3	18.6	New York	Antofagasta	General	1,478	5,037	3,492
Julia Luckenbach	15	12.15	15	13.00	15	21.47	15	22.11	American	Luckenbach Line	436.0	57.0	24.6	Boston	Seattle	General	5,734	8,543	6,402
Huasco	12	14.10	16	6.05	16	13.45	16	14.55	Chilean	Chilean Line	380.0	44.0	23.0	Cristobal	Valparaiso	General	440	4,552	3,182
Principio	15	17.05	16	7.40	16	14.34	16	14.40	German	Lechelt & Co	185.0	24.0	10.6	Hamburg	Los Angeles	Ballast	.....	621	406
Benjamin Brewster	15	21.10	16	9.05	16	15.55	16	18.21	American	Standard Oil Co	411.6	53.2	26.3	Tampico	Iquique	Fuel oil	7,000	6,177	4,244
Chatham	16	10.40	16	10.55	16	19.03	17	3.05	British	Watts, Watts & Co	341.3	46.7	23.0	Cardiff	Valparaiso	Coal	4,843	3,986	2,888
Washington Maru	17	7.55	17	8.20	17	16.01	17	16.53	Japanese	Kokusai Kisen Kaisha	385.0	51.0	25.0	Jacksonville	Yokohama	General	5,579	5,919	4,400
Blue Triangle	17	12.55	17	13.10	17	19.21	17	20.28	American	N. Atl. & West. S. S. Co. (S. B.)	390.0	54.2	20.0	Philadelphia	Los Angeles	General	2,292	6,209	4,317
Kinderdijk	17	12.54	18	6.15	18	13.45	18	14.50	Dutch	Holland-American Line	470.0	58.0	22.10	Rotterdam	Seattle	General	3,135	8,515	6,068
Santa Malta	17	6.05	18	7.40	18	14.40	18	15.40	American	Atlantic & Pacific Steamship Co.	404.6	53.9	22.3	New York	Seattle	General	5,000	6,766	4,809
City of Auckland	18	8.35	18	8.50	18	16.27	18	18.22	British	Hall Line, Ltd	418.6	62.2	25.6	New York	Melbourne	General	6,283	9,394	6,723
West Catanace	18	2.25	18	10.50	.....	.....	.....	.....	American	Elder Steel Steamship Co	410.5	54.3	20.0	New York	Seattle	General	2,820	6,567	4,917
Newport	15	16.37	18	12.48	18	19.19	19	12.35	American	Pacific Mail Steamship Co	326.0	38.0	18.1	Cristobal	San Francisco	General	1,675	3,173	2,163
Erroll	18	12.55	18	13.00	18	20.18	18	21.45	British	Trinder Anderson & Co	365.0	47.0	23.0	Auckland	Montreal	General	4,000	4,714	3,401
Rotarian	19	12.35	19	7.05	19	14.35	19	15.39	American	Wessel Duval & Co. (S. B.)	380.0	55.0	18.0	New York	Talcahuano	General	621	5,660	4,174
Yankee Arrow	19	12.50	19	7.35	19	15.57	19	17.02	American	Standard Oil Co	485.3	63.0	27.6	Beaumont	Woosung	Crude oil	11,015	9,841	6,946
Panama Maru	19	3.40	19	8.55	19	16.42	19	17.54	Japanese	Osaka Shosen Kaisha	400.0	51.3	20.2	Buenos Aires	Kobe	Blood (dry), etc.	1,196	6,099	4,289
Leise Maersk	19	7.15	19	9.20	19	17.00	19	18.03	Danish	A. P. Moller	301.0	44.2	12.3	New York	Pisagua	Ballast	.....	3,212	2,166

[1] Motor ship.

[2] Motor schooner.

Canadian Explorer	19	7.20	19	10.40	19	18.10	19	19.26	British	Canadian Government	400.0	52.0	22.0	Montreal	Brisbane	General	5,000	5,841	4,046
Ucayali	14	18.17	19	10.45	19	19.00	19	23.10	Peruvian	Peruvian Line	374.0	46.0	18.3	Cristobal	Callao	General	416	4,466	2,405
Elabeto	19	7.30	19	11.45	19	19.40	19	21.05	American	Los Angeles Ship Building Co	253.4	43.7	19.5	Newport News	Los Angeles	Ballast	.....	2,751	1,718
Atlantic Sun	19	9.15	19	12.05	19	20.25	19	23.10	American	Sun Co	429.3	59.2	17.10	Chester	Los Angeles	Ballast	.....	7,898	5,593

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Helder	12	9.25	13	7.10	13	15.00	14	22.45	Dutch	Royal Netherlands W. I. Mail	372.0	60.0	22.0	Talcahuano	Hamburg	General	4,786	5,117	3,807
Norman Monarch	13	2.00	13	8.10	13	15.35	13	15.35	British	Monarch Line	400.6	52.0	25.6	Antofagasta	Wilmington	Nitrate	7,750	5,568	4,146
Jamaica	13	2.00	13	9.23	13	16.00	.....	.....	British	Pacific Steam Navigation Co	220.0	34.0	11.6	Champerico	Cristobal	General	252	1,187	622
Deerfield	13	10.45	13	11.22	13	18.15	13	18.15	American	Elder Steel Steamship Co	434.3	57.7	26.0	Seattle	Baltimore	General, lumber	6,550	7,893	5,647
Robin Adair	13	22.45	14	7.42	14	14.48	14	14.48	American	Seas Shipping Co	424.8	55.2	23.9	Anacortes	Boston	General, lumber	6,113	7,470	5,529
Toco	14	0.05	14	8.10	14	16.45	16	21.15	British	Sheridan Steamship Co	440.8	56.0	18.6	Antofagasta	Tampico	Ballast	.....	7,692	4,822
Santa Luisa	14	6.00	14	9.36	14	16.30	14	22.20	American	Grace Line	360.2	61.6	21.10	Talcahuano	New York	General	3,628	5,694	3,975
Ohioan	14	9.00	14	11.00	14	17.30	14	20.30	American	American-Hawaiian Line	407.0	53.7	24.6	San Pedro	New York	General	5,512	7,112	4,896
Ucayali	14	10.00	14	11.57	14	18.17	19	10.45	Peruvian	Peruvian Line	374.7	46.3	16.6	Callao	Cristobal	General	762	4,466	2,405
Willfaro	14	14.10	14	14.34	14	21.37	14	22.05	American	Williams Steamship Co	386.6	52.2	22.0	Marsfield	New York	General, lumber	5,971	5,680	4,162
Newport	15	8.00	15	9.40	15	16.37	18	12.48	American	Pacific Mail Steamship Co	326.0	38.2	23.9	San Francisco	Cristobal	General	400	3,173	2,162
Tuscaloosa City	16	5.00	16	8.08	16	16.10	18	14.00	American	Isthmian Lines	424.2	56.2	25.0	San Francisco	London	General	7,507	7,611	5,450
Clan Macinnes	16	6.00	16	8.50	16	17.00	16	22.50	British	Clan Line, Ltd	385.0	52.0	20.0	Bunbury	London	General	6,000	5,229	3,538
Venezuela	16	5.30	16	13.55	16	20.45	17	14.35	American	Pacific Mail Steamship Co	395.3	48.6	23.6	San Francisco	New York	General	3,008	6,033	4,353
Manavi	16	14.40	17	7.01	17	14.08	21	10.30	British	Pacific Steam Navigation Co	216.0	35.1	14.10	Guayaquil	Cristobal	General	713	1,357	884
Lewis Luckenbach	16	18.30	17	7.58	17	15.40	17	20.30	American	Luckenbach Line	496.0	68.2	27.0	San Francisco	New York	General, lumber	9,518	11,487	8,762
Salvador	17	4.00	17	9.01	17	15.55	.....	.....	British	Pacific Steam Navigation Co	225.0	35.4	12.10	Tumaco	Cristobal	General	141	1,213	692
Elder Branch	17	7.30	17	9.35	17	17.35	17	22.15	British	F. & W. Ritson	380.0	49.0	22.0	Mejillones	Liverpool	General	6,214	4,951	3,592
West Ira	17	8.15	17	10.55	17	18.35	17	22.35	American	U. S. Shipping Board	410.5	54.2	23.0	Kobe	New York	General	6,500	6,755	4,892
Kenuta	17	11.00	17	11.53	17	19.30	17	20.50	British	Pacific Steam Navigation Co	401.0	52.2	24.0	Corral	Liverpool	General	5,819	6,440	4,899
Canadian Seigneur	18	5.30	18	8.00	18	15.35	18	21.53	British	Canadian Government	406.6	52.0	16.0	Melbourne	Montreal	General	1,440	5,893	4,135
Felix Taussig	18	1.00	18	11.45	18	17.07	18	19.07	American	Crowell & Thurlow	395.0	55.1	25.0	Everett	New York	General, lumber	7,000	6,582	4,503
Orita	18	12.30	18	13.58	18	20.55	19	10.43	British	Pacific Steam Navigation Co	485.4	58.2	28.0	Talcahuano	Liverpool	General	7,000	9,936	6,561
Orcus	18	21.52	19	7.53	19	14.46	19	20.10	American	Wessel Duval Co	380.2	53.1	23.8	Talcahuano	New York	Nitrate	6,848	5,667	4,227
Bermuda	18	23.45	19	9.10	19	16.16	19	22.40	British	H. M. H. Namazee	469.4	56.2	23.0	Hongkong	New York	General, lumber	7,604	.....	.....
Cubore	19	8.30	19	9.31	19	17.51	19	17.51	American	Ore Steamship Corp	450.6	57.2	28.0	Cruz Grande	New York	Iron ore	10,600	7,867	4,829

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
August 13	Colon	Panama Railroad Steamship Line	New York via Haiti.
August 13	Turrialba	United Fruit Co	New Orleans via Habana.
August 13	Ulua	United Fruit Co	Port Limon.
August 14	Albaro	Italian Line	Genoa via wayports.

*DEPARTURES.

Date.	Vessel.	Line.	For—
August 13	Ulua	United Fruit Co	New York via Habana.
August 14	Solana	Pacific Mail Steamship Co	Tampico.
August 14	Turrialba	United Fruit Co	Bocas del Toro.
August 16	Toloa	United Fruit Co	Port Limon.

(Continued on page 44, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, August 26, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kronborg	19	15.50	20	6.35	20	14.05	20	15.30	Danish	C. K. Hansen	330.0	47.0	18.6	Maceio	Valparaiso	Cotton seed	2,700	3,722	2,653
Calcutta Maru	20	9.00	20	9.20	20	16.25	20	17.48	Japanese	Nippon Yusen Kaisha	400.0	54.5	21.7	New York	Kobe	General	3,884	5,790	4,183
Manavi	17	14.08	20	10.30	20	17.50	20	23.45	British	Pacific Steam Navigation Co.	216.0	35.1	12.11	Cristobal	Guayaquil	Gen., explosives	371	1,357	884
Texan	20	12.30	20	12.45	20	19.13	20	20.30	American	American-Hawaiian Line	476.0	57.6	25.0	New York	Seattle	General	7,400	9,154	7,033
Ebro	20	5.15	20	12.47	20	19.55	21	4.35	British	Pacific Steam Navigation Co.	450.0	57.0	24.8	New York	Valparaiso	Merchandise	1,406	9,151	6,227
York City	20	1.15	21	6.25	21	13.44	21	14.57	British	W. R. Smith	411.0	55.0	28.3	Port Arthur	Taku Bar	Case oil	8,411	7,038	5,166
Charlton Hall	20	23.02	21	11.50	21	19.24	21	19.54	American	U. S. Steel Products Co	400.0	50.0	26.3	New York	Buenaventura	General	5,666	5,714	4,161
Kristianiafjord	22	1.10	22	6.30	22	14.07	22	15.38	Norwegian	Norway-American Line	421.0	55.8	18.0	Charleston	San Francisco	Ballast		7,349	5,181
San Joaquin	22	3.02	22	7.15	22	15.09	22	17.00	Norwegian	W. Wilhelmsen	425.4	57.1	27.6	Tampico	Taltal	Fuel oil	9,300	7,059	5,043
Santa Veronica	21	20.36	22	8.10	22	15.47	22	17.05	American	American & Cuban Line	251.0	43.6	23.9	New York	San Francisco	General, steel	2,993	2,823	1,740
Dorset	22	8.20	22	9.25	22	17.18	23	7.41	British	Federal Steam Navigation Co.	460.0	58.2	26.0	London	Auckland	General	5,459	9,188	6,581
Losada [1]	21	21.56	22	12.45	22	20.18	22	21.45	British	Pacific Steam Navigation Co.	419.0	54.2	25.6	Hull	Corral	Gen., coal, coke	7,577	7,221	4,844
Santa Elisa	22	13.05	23	6.53	23	14.37	23	17.02	American	Grace Line	360.3	51.7	22.7	New York	Talcahuano	General	2,053	5,957	4,325
Achatina	22	19.58	23	8.20	23	16.10	24	7.43	British	Anglo-Saxon Petroleum Co	412.0	53.3	20.0	London	San Francisco	Ballast		6,242	4,283
Benefactor	23	8.37	23	9.10	23	16.30	23	17.39	British	Harrison Line	410.7	52.0	21.0	Glasgow	Victoria	General, coke	3,100	6,314	4,322
Albert Jeffress	23	9.30	23	10.30	23	17.39	23	18.49	American	Garland Steamship Co	384.0	51.0	25.0	Philadelphia	Los Angeles	General	8,300	6,347	4,453
Balboa	3-14	14.21	23	11.40	23	18.57	24	6.00	American	Colombian Maritime Co	190.0	29.1	11.6	Cristobal	Buenaventura	Ballast		737	335
Semperiiem [1]	8-21	10.50	24	6.20	24	14.45	24	16.29	Costa Rican	R. E. Smyth	85.0	14.6	5.6	Bocas del Toro	Punta Arenas	Fruit	5	73	45
Steel Navigator	23	19.52	24	6.20	24	14.13	24	15.37	American	U. S. Steel Products Co	425.0	56.0	26.6	Baltimore	Seattle	General	8,500	7,611	5,454
A. L. Kent	24	9.15	24	9.30	24	16.35	24	17.55	American	Crowell & Thurlow	394.0	55.6	22.0	Boston	Everett	General	5,100	7,047	5,030
Elecedro	24	6.30	24	10.15	24	18.01	24	19.24	American	Los Angeles Dry Dock & S. B. Co	253.0	43.7	24.3	Galveston	San Francisco	Sulphur	3,311	2,751	1,718
Colombia	23	13.07	24	12.45	24	19.43	25	13.30	American	Pacific Mail Steamship Co	380.0	48.7	21.6	Baltimore	San Francisco	General	2,221	6,015	4,281
Miss Cristobal [2]			24		25	18.50			American	L. W. Parsons	24.4	6.2	2.0	Cristobal	Balboa	Ballast		2	2
Aconcagua	24	9.00	25	6.09	25	13.58	25	15.05	Chilean	Chilean Line	422.8	56.2	26.10	Glasgow	Valparaiso	Coal and general	4,770	7,758	4,705
Kentucky	25	8.15	25	8.35	25	15.50	25	17.20	British	Ellerman & Bucknell Line	447.0	56.0	26.10	New York	Yokohama	Cotton, steel, gen	8,115	7,825	5,921
Cuba [3]	20	9.30	25	11.00	25	18.50	25	20.35	American	U. S. Army	150.0	25.0	16.0	New York	Honolulu	Ballast			
Lieut. H. G. Douglas [4]			25	11.00	25	18.50	25	20.35	American	U. S. Army	101.0	22.0		Cristobal	San Diego	Ballast			
Nevada	25	8.10	25	11.20	25	17.56	27	3.40	French	French Line	420.2	56.2	20.0	Antwerp	San Francisco	General	1,600	7,484	5,408
Corinthic	25	11.15	25	11.40	25	18.55	26	13.32	British	White Star Line	500.3	63.3	26.0	London	Wellington	General	5,466	12,821	9,507
Lord Ormonde	25	21.54	26	6.23	26	13.30	26	15.00	British	F. T. Walker	360.0	46.0	19.0	Mobile	Guayaquil	General	1,200		
Kentuckian	26	6.00	26	7.27	26	14.54	26	15.53	American	American-Hawaiian Line	414.5	53.7	23.0	Boston	Portland	General	5,445	7,049	4,941
Salvador	17	15.55	26	8.50	26	15.21	26	19.21	British	Pacific Steam Navigation Co.	215.0	33.0	15.3	Cristobal	Champerico	General	765	1,213	692
Woron	26	6.20	26	10.05	26	17.45	27	24.00	British	Glovers Brothers	420.0	54.0	26.2	Port Arthur	Shanghai	Case oil	7,100	6,351	4,500
Irene II [5]	12		26		26	10.47			American	J. F. McCourt	20.0	8.0		Cristobal	Gatun Lake			4	3
Lisbon Maru	26	13.20	26	13.25	26	20.27	27	4.35	Japanese	Nippon Yusen Kaisha	445.0	58.0	25.0	New York	Shanghai	Petroleum	8,451	7,608	5,479

[1] Motor ship. [2] Launch. [3] Tug. [4] Mine planter. [5] Launch and panga.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Haarlem	19	19.00	20	7.46	20	16.46	21	17.55	Dutch	Royal Netherlands W. I. Mail	262.0	50.0	21.0	Valparaiso	Amsterdam	General	4,800	4,759	3,660
Orient	19	21.30	20	8.58	20	16.33	20	16.33	American	Oriental Steamship Co	376.4	52.3	23.2	Seattle	Norfolk	Salmon, lumber	6,000	5,455	3,879
Shunko Maru	20	6.30	20	9.35	20	17.33	20	19.00	Japanese	Osaka Shosen Kaisha	425.0	53.0	19.6	Singapore	New York	General	3,876	6,923	5,304
Cacique	20	8.15	20	10.24	20	19.32	20	22.15	American	Grace Line	394.0	52.3	28.0	Valparaiso	New York	Nitrate	8,807	6,652	4,913
Helen[6]			20		20	11.19			American	G. V. McCorkel	39.5	8.5	4.0	Balboa	Cristobal			12	11
Orleans	21	3.00	21	7.38	21	14.53	21	14.53	American	Oriental Navigation Co	395.5	55.0	24.8	Tacoma	Poughkeepsie	Lumber	8,000	7,330	5,233
Rio Azul	21	16.10	22	7.06	22	14.36	22	14.36	British	Sir William Peterson	363.1	53.2	22.6	Sydney	Hamburg	General	5,411	5,014	3,454
Volumnia	21	16.10	22	7.50	22	15.48	22	15.48	British	Kinsley Steamship Co	423.6	56.0	25.3	Makatea	Hampton R'ds	Phosphate	7,800	6,229	4,524
Magellan	22	5.30	22	8.54	22	16.50	22	23.20	British	Pacific Steam Navigation Co	461.6	59.3	25.8	Coronel	Liverpool	General	8,902	8,786	6,074
North American	21	17.00	22	10.00	22	16.45	22	16.45	British	American Metal Steamship Co	251.0	43.6	21.0	Buenaventura	New York	General	2,926	2,444	1,571
Radames	22	9.30	22	10.35	22	18.55	23	10.30	German	Kosmos Line	380.7	47.0	25.6	Corral	Hamburg	General	5,400	4,971	3,486
Walter A. Luckenbach	22	13.45	22	14.43	22	22.50	22	23.15	American	Luckenbach Line	446.5	56.1	25.6	Portland	New York	General	6,550	8,785	6,567
Terrier	23	0.05	23	8.07	23	15.40	23	17.20	Norwegian	Du Pont	400.0	52.0	24.0	Iquique	Cristobal[7]	Nitrate	8,250	5,639	4,161
Essequibo	23	11.30	23	13.04	23	19.40	24	24.45	British	Pacific Steam Navigation Co	450.0	58.0	26.0	Talcahuano	New York	General	4,141	9,099	6,117
Meiyo Maru	23	16.20	24	7.04	24	15.35	24	19.50	Japanese	Toyo Kisen Kaisha	400.0	53.0	24.6	Iloilo	New York	Sugar	7,139	6,163	4,376
Lake Fisher	23	17.40	24	7.42	24	15.22	24	15.32	American	N. O. & S. A. S. S. Co	253.4	43.9	23.0	Talcahuano	New Orleans	Nitrate	3,700	2,939	2,017
Robin Gray	24	2.00	24	8.48	24	16.00	24	16.00	American	Seas Shipping Co	424.0	55.2	26.0	Seattle	New York	General	6,207	7,472	5,542
D. G. Scofield	24	2.20	24	9.58	24	17.42	24	17.42	American	Standard Oil Co. of California	439.5	58.0	30.6	San Francisco	Philadelphia	Oil	11,249	8,912	6,254
Varg	24	4.00	24	11.02	24	19.20	24	20.35	Norwegian	P. Johannessen	231.7	35.1	17.4	Callao	New York	General	1,686	1,496	1,040
Almagro	24	3.00	24	11.53	24	19.10	25	1.40	British	Pacific Steam Navigation Co	303.4	43.0	16.6	Guayaquil	New York	General	395	2,878	1,714
Urubamba	24	1.45	24	13.18	24	20.15			Peruvian	Peruvian Line	381.2	46.1	16.0	Callao	Cristobal	General	358	4,803	2,951
Dardanus	24	15.10	24	6.51	25	15.05	25	18.05	Dutch	Blue Funnel Line	392.0	48.0	22.6	Vancouver	Liverpool	General	4,972	4,826	3,361
Mongolian Prince	26	6.00	26	7.37	26	16.00	26	16.55	British	Prince Line	423.5	56.0	24.0	Seattle	Glasgow	General	8,000	6,460	4,735
Gymeric	26	6.30	26	8.35	26	17.35	26	23.12	British	Andrew Weir & Co	420.3	54.6	26.0	San Francisco	London	Gasoline	8,514	6,501	4,459

[6] Commercial launch. [7] For orders. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
August 20	Atenas	United Fruit Co	New Orleans via Habana.	August 20	Toloa	United Fruit Co	New York via Habana.
August 20	Toloa	United Fruit Co	Port Limon.	August 21	Atenas	United Fruit Co	Bocas del Toro.
August 21	Heredia	United Fruit Co	New Orleans.	August 22	Van Rensselaer	Royal Netherlands W. I. Mail	Port Limon.
August 21	Van Rensselaer	Royal Netherlands W. I. Mail	Amsterdam via wayports.	August 23	Megna	James Nourse, Ltd	Kingston.
August 22	Calamares	United Fruit Co	New York via Habana.	August 23	Calamares	United Fruit Co	Port Limon.
August 22	Megna	James Nourse, Ltd	Rangoon.	August 24	Heredia	United Fruit Co	New Orleans via wayports.
August 23	Cristobal	Panama Railroad Steamship Line	Norfolk.	August 24	Tivives	United Fruit Co	New York via Kingston.
August 23	Tivives	United Fruit Co	Colombian ports.	August 24	Metapan	United Fruit Co	Colombian ports.
August 23	Metapan	United Fruit Co	New York via Kingston.	August 24	Atenas	United Fruit Co	New Orleans.
August 24	Atenas	United Fruit Co	Bocas del Toro.	August 25	Albaro	Italian Line	Genoa via wayports.
August 24	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.	August 25	S. M. Spalding	Pan.-Amer. Pet. & Transp. Co	Tampico.
August 24	S. M. Spalding	Pan-American Pet. & Transp. Co.	Tampico.	August 25	Van Rensselaer	Royal Netherlands W. I. Mail	Amsterdam via wayports.
August 25	Van Rensselaer	Royal Netherlands W. I. Mail	Port Limon.				

PORT OF BALBOA.

August 20	Aysen	Chilean Line	Talcahuano.	August 23	Aysen	Chilean Line	Valparaiso.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, September 2, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Hermes	27	9.05	28	6.10	28	14.30	28	16.00	Dutch	Royal Netherlands W. I. Mail	363.0	48.0	14.3	Hamburg	Guayaquil	General	1,558	4,182	3,059
Queen Louise	28	13.23	28	13.25	28	20.25	29	3.00	British	Cadogan Steamship Co	405.0	53.0	20.0	Rotterdam	Los Angeles	Ballast	.....	6,163	4,750
Tanker No. 1	7-27	8.28	29	6.22	29	14.07	29	15.21	American	U. S. Army	300.0	44.0	20.0	Puerto Lobos	San Francisco	Fuel oil	2,800	.....	.....
Mundelta	28	14.00	29	7.40	29	14.55	29	16.04	American	Munson Line	370.0	53.0	23.6	New York	Los Angeles	Sulphur (crude)	4,803	5,668	4,297
Steel Seafarer	29	3.15	29	8.05	29	16.52	29	21.10	American	U. S. Steel Products Co	424.2	56.2	26.6	New York	Seattle	General, steel	8,900	7,611	5,454
George Washington[1]	29	5.20	29	9.30	29	17.25	30	17.30	Norwegian	Peter Olsen	445.0	55.0	26.0	Christiania	San Francisco	General	7,546	7,505	5,627
Herakles	29	8.30	29	10.25	29	18.28	29	19.55	Norwegian	Dupont Powder Co	390.0	54.0	24.0	Glasgow	San Antonio	Coke, powder	4,707	5,680	4,220
Robert Luckenbach	29	10.20	29	12.37	29	19.36	29	21.10	American	Luckenbach Line	445.0	58.0	22.6	New York	Los Angeles	General	5,450	8,617	6,297
Caveria[2]	29	.....	29	.....	29	8.19	.....	.....	Panaman	A Tagaropoulos	45.0	8.3	3.0	Cristobal	Gatun Lake	.....	.....	10	6
Talabot	29	4.36	30	6.27	30	14.34	30	15.40	Norwegian	N. S. Bjonnes & Son	410.7	56.0	31.10	Philadelphia	Hangchau	Case oil	9,400	8,279	6,328
Hatarana	30	6.00	30	8.15	30	15.00	30	18.25	British	British India Steam Nav. Co.	445.0	58.3	26.1	New York	Adelaide	General	4,182	7,700	5,454
Oak Branch	30	8.20	30	9.05	30	16.39	30	17.48	British	F. & W. Ritson	385.0	49.1	18.6	Antwerp	Coronel	General	2,032½	5,209	4,031
Laura C. Hall[3]	29	18.30	30	9.05	30	16.28	1	8.39	British	Pacific Metals Corp.	81.0	25.6	9.0	Cristobal	Buenaventura	General	40	132	72
Buenos Aires[1]	29	16.55	30	11.15	30	17.59	31	16.42	Swedish	Johnson Line	440.0	56.0	23.3	Antwerp	San Francisco	General	6,896	7,591	5,661
City of Dunedin	30	11.09	30	11.35	30	19.00	30	20.20	British	Ellerman Lines	476.0	60.0	23.6	New York	Melbourne	General, oil	5,883	8,691	6,015
Murla	29	23.30	30	11.49	30	19.45	30	21.50	German	Roland Line	267.0	42.0	16.4	Hamburg	Champerico	General	1,210	2,188	1,361
Paparoa	30	13.15	30	13.20	30	20.35	31	15.34	British	New Zealand Shipping Co	430.0	54.2	26.6	London	Wellington	General	3,669	7,894	5,857
Orcoma	30	12.50	31	6.20	31	14.12	31	16.45	British	Pacific Steam Navigation Co.	511.6	62.0	27.10	Liverpool	Valparaiso	General	2,907	12,267	7,942
Steel Inventor	31	5.50	31	7.20	31	14.56	31	19.12	American	U. S. Steel Products Co	425.0	56.0	25.1	Baltimore	Los Angeles	General, steel	8,655	7,611	5,450
Pyro[4]	28	16.25	31	9.00	31	15.42	2	20.15	American	U. S. Navy	484.0	61.0	24.8	Hampton Rds.	San Francisco	Naval stores	3,470	.....	.....
Urubamba	24	20.15	31	10.30	31	17.05	31	18.10	Peruvian	Peruvian Line	381.2	46.1	18.7	Cristobal	Guayaquil	General	438	4,803	2,951
Hopkins Brothers[5]	30	19.55	31	11.05	31	18.25	31	18.30	British	Hopkins Brothers	125.0	25.0	11.6	Southampton	Vancouver	Ballast	.....	246	103
Roland	31	13.35	1	6.15	1	14.23	1	15.27	German	Roland Line	377.0	50.0	22.0	Hamburg	Buenaventura	General	4,079	4,791	3,374
Edgar F. Luckenbach	31	15.30	1	7.40	1	15.00	1	15.53	American	Luckenbach Line	425.0	57.3	26.0	New York	San Francisco	General	6,500	8,568	6,705
Ville de Tamative	10	7.58	1	8.05	1	15.53	1	15.25	French	Com. Hav. Pen. de Navigation	357.2	46.0	21.6	Fort de France	Tahiti	General	2,460	4,171	3,046
Sabine Sun	31	15.40	1	9.20	1	16.40	1	17.45	American	Sun Steamship Co	429.0	59.0	18.1	Chester	Los Angeles	Ballast	.....	7,898	5,459
Escoval No. 2136[6]	31	.....	1	.....	1	11.07	.....	.....	Panaman	Ernesto Ferana	.....	.....	.....	Cristobal	Gatun Lake	.....	.....	2	2
Gen. O. H. Ernst	31	9.40	2	6.11	2	.....	2	17.10	American	Panama Railroad Steamship Line	356.4	45.3	17.5	New York	Guayaquil	General	757	4,503	2,764
Craftsman	2	6.25	2	7.20	2	.....	2	16.00	British	Harrison Line	455.4	56.0	23.9	Liverpool	San Francisco	General	5,300	.....	.....

[1] Motor ship. [2] Launch. [3] Motor schooner. [4] Supply ship. [5] Tug. [6] Cayuco.

Acajutla	26	15.10	27	7.18	27	13.30			British	Pacific Steam Navigation Co.	215.7	33.5	13.10	Champerico	Cristobal	General	373	1,273	706
Agua Prieta[7]	24	4.00	27	8.13	27	14.39	31	8.45	Mexican	Mexican Government	208.0	30.0	13.6	Guaymas	Vera Cruz				
Irish Monarch	26	16.35	27	8.53	27	17.05	28	17.23	British	Raeburn & Verel	385.0	48.7	24.0	Ocean Island	Norfolk	Phosphate	5,850	4,662	3,397
Brush	26	19.45	27	9.55	27	18.35	27	18.35	American	North Atlantic & West. S. S. Co.	390.0	54.2	23.6	Portland, Oreg	Portland, Me.	General, lumber	5,500	6,209	4,317
Kronstad	27	7.30	27	10.53	27	18.10	28	16.50	Norwegian	Kinsley Steamship Line	313.0	46.5	19.6	Tocopilla	Jacksonville	Nitrate	4,253	2,963	2,070
West Jessup	27	8.30	27	11.40	27	19.05	27	19.05	American	Swayne & Hoyt	410.0	54.2	23.0	Seattle	Curacao	General, lumber	4,434	6,756	4,874
Professor	27	17.50	28	7.21	28	14.10	28	15.15	British	T. & J. Harrison	350.0	46.1	24.0	San Francisco	Liverpool	General	4,500	4,051	2,845
Texas	27	19.00	28	8.30	28	17.20	29	6.25	French	French Line	409.8	53.0	25.0	Vancouver	Le Havre	General	6,400	7,081	4,959
H-3[8]	28	4.30	28	10.01	28	17.13			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
H-4[8]	28	4.30	28	10.01	28	17.14			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
H-5[8]	28	4.30	28	10.06	28	17.17			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
H-2[8]	28	4.30	28	10.13	28	17.18			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
Beaver[9]	28	4.30	28	11.23	28	18.20			American	U. S. Navy	376.3	48.0	23.0	San Pedro	Hampton Rds.				
H-6[8]	28	4.30	28	11.06	28	21.46			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
L-6[8]	28	4.30	28	11.06	28	21.46			American	U. S. Navy	165.0	14.0	13.0	San Pedro	Hampton Rds.				
H-9[8]	28	4.30	28	11.20	28	21.46			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
L-8[8]	28	4.30	28	11.20	28	21.46			American	U. S. Navy	165.0	14.0	13.0	San Pedro	Hampton Rds.				
L-5[8]	28	4.30	28	11.55	28	20.12			American	U. S. Navy	165.0	14.0	13.0	San Pedro	Hampton Rds.				
L-7[8]	28	4.30	28	11.55	28	20.12			American	U. S. Navy	165.0	14.0	13.0	San Pedro	Hampton Rds.				
H-7[8]	28	4.30	28	11.55	28	20.12			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
H-8[8]	28	4.30	28	11.55	28	20.12			American	U. S. Navy	150.3	15.9	12.5	San Pedro	Hampton Rds.				
Cape Romain	24	5.30	28	14.01	28	22.10	30	15.10	American	Atl. Gulf & Pacific Co. (S. B.)	376.4	52.3	24.6	Portland	Norfolk	General	5,365	5,142	3,566
Tacoma[10]	27		29	8.48	29	15.40			American	U. S. Navy	292.0	44.0	16.3	Balboa	Cristobal				
Delco	29	0.45	29	9.55	29	18.14	30	17.20	American	Delco Steamship Line	328.0	46.2	19.0	Seattle	New York	Lumber	3,800	3,795	2,660
Laura C. Hall[3]	25	17.40	29	11.04	29	18.30	30	9.05	British	Pacific Metals Corp	61.0	25.6	10.0	Buenaventura	Cristobal	Coffee, drums	70	132	72
Eemdijk	29	13.10	29	13.35	29	21.45	30	11.01	Dutch	Holland-American Line	469.0	58.3	26.0	Vancouver	Rotterdam	Barley, general	8,714	8,514	6,066
Katrina Luckenbach	29	16.15	30	6.55	30	16.00	30	16.00	American	Luckenbach Line	446.0	56.0	24.6	Portland	New York	General	6,200	8,508	6,179
Craster Hall	30	12.15	30	13.23	30	22.05	30	23.35	American	U. S. Steel Products Co.	380.0	50.0	23.11	Iquique	New Orleans	Nitrate	8,700	4,945	3,508
Unita	30	17.00	31	6.58	31	14.40	31	19.52	Norwegian	Asiatic-American Steamship Co.	338.1	48.0	23.0	Portland	Montreal	Lumber	5,000	3,999	2,924
Cedar Branch	31	2.30	31	8.01	31	16.00	31	18.47	British	F. & W. Ritson	390.7	51.0	23.0	Punta Arenas	Liverpool	General	5,301	6,437	4,442
Caldo	31	4.34	31	8.52	31	16.35	31	16.35	American	Standard Oil Co	414.5	55.0	26.9	Talara	New York	Oil	9,003	4,912	3,642
Bethore	27	7.00	27	17.05	28	14.55	28	14.55	American	Ore Steamship Corp	550.3	72.2	33.3	Cruz Grande	New York	Iron ore	19,750	15,476	11,102
Thomas B. Beal	1	0.10	1	8.02	1	15.06	1	15.06	British	Crowell & Thurlow	394.1	55.1	27.2	Seattle	Boston	General, lumber	2,951	7,047	4,998
Advance	1	0.15	1	8.23	1	14.05	2	23.10	American	Panama Railroad Steamship Line	295.0	38.4	20.0	Guayaquil	New York	General	1,056	2,947	2,113
Curaca	1	2.15	1	9.20	1	17.40	1	22.10	Panaman	Grace Line	403.0	52.4	28.6	Punta Arenas	New York	General	8,625	6,804	4,897
Myrmidon	1	8.45	1	11.11	1	18.08	1	18.08	British	Alfred Holt	391.0	49.0	23.6	Yokohama	London	Canned salmon	5,010	5,221	3,257
Balboa	31	19.00	1	12.34	1	19.25			American	Stone & Yard	190.0	29.1	15.0	Buenaventura	Cristobal	Coffee	583	737	335
Delagoa Maru	1	5.30	2	7.51	2	15.05	2	15.05	Japanese	Nippon Yusen Kaisha	435.0	56.0	21.6	Kobe	New York	General	8,847	7,249	5,171
Santa Ana	1	16.25	2	7.06	2	13.29	3	3.12	American	Pacific Mail Steamship Co	360.2	51.6	23.0	San Francisco	New York	General	3,107	5,773	4,081
Henry D. Whiton	1	21.00	2	9.00	2	15.41	2	15.41	American	Union Sulphur Co	356.0	51.6	17.0	San Pedro	Sabine, Tex.	Ballast		5,367	2,925
Australien	2	8.30	2	9.57	2	17.10	2	21.30	Danish	East Asiatic Steamship Co.	410.0	56.0	26.6	Salaverry	Liverpool	General	8,391	7,027	5,338
Marore	2	9.20	2	10.46	2	19.00	2	19.00	American	Ore Steamship Corp	550.3	72.2	32.4	Cruz Grande	New York	Iron ore	19,500	15,551	4,297
Garfield	2	4.00	2	12.00	2	20.50	3	10.13	American	Grace Line	299.0	45.0	17.0	Salaverry	Pto. Colombia	General	1,250	3,228	2,010
Mobile City	2	10.40	2	12.22	2	20.45	3	5.10	American	Isthmian Lines	395.5	55.0	27.0	Tacoma	Boston	General	7,506	7,330	5,241

[7] Gunboat. [8] Submarine. [9] Submarine tender. [10] Cruiser. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian. (Continued on page 68, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, September 9, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
El Oso	3	1.02	3	6.35	3	14.20	3	17.05	British	Lobitos Oil Fields, Ltd	440.0	57.0	20.0	Amsterdam	Los Angeles	Ballast		7,478	4,964
Diana Dollar	3	1.15	3	7.05	3	15.09	3	22.35	American	Dollar Line	429.0	55.0	23.0	Baltimore	San Francisco	General	6,714	7,582	5,521
Radix	3	6.55	3	8.15	3	16.01	3	20.30	British	Anglo-Saxon Petroleum Co.	412.0	56.0	19.0	Rotterdam	San Francisco	Ballast		7,428	5,277
Port Pirie	3	12.55	3	12.05	3	18.50	3	19.54	British	Commonwealth and Dom. Line	470.0	59.0	24.0	New York	Brisbane	General	2,753	9,381	6,915
Eastern Planet	3	6.35	3	12.10	3	19.45	3	20.50	American	U. S. and Australasia Line (S. B.)	387.8	51.2	26.10	New York	Melbourne	Case oil	6,740	6,235	4,480
Ipswich	3	8.20	3	12.35	3	20.30	3	21.35	American	Shawmut Steamship Co	400.7	54.2	21.5	Baltimore	Seattle	General	5,978	6,616	4,569
Artigas	3	12.35	3	12.50	3	21.20	3	22.30	American	N. Atl. & West. S. S. Co. (S. B.)	401.0	54.0	20.0	Philadelphia	Los Angeles	General	3,214	6,204	4,314
Putnam [1]			3		3	13.55			American	U. S. Army				Cristobal	Gatun Lake				
Swiftstar	3	16.30	4	6.25	4	14.04	4	15.23	American	C. D. Mowbray	465.0	60.2	24.0	Philadelphia	Los Angeles	Ballast		8,473	6,050
Elkton	4	2.25	4	7.10	4	14.57	5	7.45	American	Barber Line (S. B.)	402.0	54.6	24.0	New York	Hongkong	Gen., case oil	5,807	6,929	5,216
Glamorganshire	4	7.10	4	9.00	4	15.43	4	16.40	British	Royal Mail Steam Packet Co	445.0	58.0	15.6	Savanilla	Los Angeles	General	1,607	8,229	5,982
Patuxent [2]			4	8.35	4	16.50			American	U. S. Navy	156.0	29.0		Cristobal	Balboa				
Alaska Maru	4	2.37	4	10.35	4	17.44	4	18.48	Japanese	Osaka Shosen Kaisha	420.0	56.0	18.11	New York	Shanghai	General	1,886	7,623	5,502
Montana	3	22.30	4	11.18	4	18.25	4	19.25	French	French Line	410.0	51.0	22.6	Bordeaux	Valparaiso	General	266	6,327	4,369
Oaxaca	4	11.50	4	12.05	4	19.10	5	7.30	British	Cayzer Irvine & Co	254.0	35.0	15.0	Portsmouth	Corinto	Ballast		1,516	971
Cowrie	4	15.47	5	6.20	5	14.07	5	17.47	British	Anglo-Saxon Petroleum Co.	376.0	48.0	21.6	London	Los Angeles	Ballast		5,377	3,834
Orteric	4	11.53	5	7.18	5	15.53	5	17.04	British	Andrew Weir & Co	412.0	55.0	27.0	New York	Tientsin	Case oil	9,000	7,159	5,309
Mytilus	5	12.10	5	8.05	5	16.39	5	21.28	British	Anglo-Saxon Petroleum Co.	412.0	53.0	23.8	Port Arthur	Shanghai	Oil	7,672	6,124	4,479
Willhilo	5	3.27	5	9.00	5	17.21	5	18.21	American	Williams Steamship Co	434.0	57.6	20.6	New York	Los Angeles	General	7,767	7,983	5,882
West Katan	5	10.05	5	10.20	5	19.08	5	19.58	American	Swayne & Hoyt (S. B.)	410.0	54.0	21.6	Santos	Los Angeles	General	5,709	6,573	4,901
Negada	5	14.50	6	6.15	6	13.57	6	15.07	German	Kosmos Line	410.0	51.0	22.10	Hamburg	Corral	General	4,314	6,402	4,463
Lydia	5	22.37	6	7.30	6	15.28	6	16.37	American	Lydia Steamship Co	366.0	48.0	24.0	New Orleans	Los Angeles	General	4,718	4,620	3,343
Santa Eulalia	5	22.54	6	8.03	6	16.17	6	21.05	American	American & Cuban S. S. Line	251.0	43.6	22.0	New York	San Diego	General	3,088	2,823	1,730
Koyo Maru	6	4.30	6	9.06	6	16.55	6	17.59	Japanese	Toyo Kisen Kaisha	400.0	53.0	25.8	New York	Japan	General	5,240	6,233	4,398
Palena	3	15.35	6	13.13	6	19.34	6	21.52	Chilean	Chilean Line	350.0	42.1	23.2	Cristobal	Valparaiso	General	542	3,666	2,577
Acajutla	8-27	13.30	7	6.03	7	14.30	7	17.35	British	Pacific Steam Navigation Co.	215.7	33.5	14.8	Cristobal	Champerico	General	670	1,273	706
Balboa	1	19.25	7	6.09	7	14.35	7	16.55	American	Colombian Maritime Co	190.0	29.1	12.0	Cristobal	Guayaquil	General	42	737	335
Alaskan	6	17.59	7	7.13	7	17.36	7	18.22	American	American-Hawaiian Line	471.0	56.0	22.3	Philadelphia	Los Angeles	General	6,000	9,250	6,816
Hanover	6	22.55	7	8.15	7	18.32	8	2.38	American	Tampa Interocean S. S. Co. (S. B.)	434.3	57.7	27.0	Tampa	Yokohama	(3)	7,680	7,982	5,911
Harry Luckenbach	7	6.30	7	9.35	7	19.19	7	20.18	American	Luckenbach Line	448.9	60.2	26.0	New York	Los Angeles	General	6,300	9,262	6,853
Poplar Branch	7	20.19	8	6.27	8	14.13	8	17.05	British	Nautilus Steamship Co	396.2	56.2	21.6	Port Talbot	Corral	General	4,975	6,640	5,099
Delft	7	18.45	8	12.10	8	19.37	9	12.18	Dutch	Royal Netherlands W. I. Mail	384.6	50.0	15.0	Hamburg	Guayaquil	General	1,327	5,862	4,393
Durham	8	7.02	8	12.45	8	21.05	8	22.12	British	Federal Steam Navigation Co.	420.0	54.0	26.11	Liverpool	Auckland	General	4,922	7,138	5,296
Trelissick	8	17.38	9	6.30	9	14.30	9	16.16	British	Edward Hain & Son	400.0	52.0	25.2	Port Arthur	Sydney	Case oil	6,600	5,804	4,066
Patuxent [4]	5	18.03	9	6.34	9	14.00			American	U. S. Navy	156.0	29.0		Cristobal	Balboa				

[1] Launch. [2] Tug and Navy barge. [3] Cotton, case oil, phosphate, and general. [4] Tug.

Trompenberg	8	11.40	9	7.26	9	14.51	9	15.00	Dutch	Vinke & Co	281.0	40.3	16.2	New Orleans	Buenaventura	General	1,161	2,213	1,521
William Campion	8	21.30	9	8.15	9	15.51	9	17.10	American	Garland Steamship Corp	384.4	51.2	25.6	Mobile	Tacoma	General	6,700	6,327	4,433
Trevean	8	21.50	9	9.25	9	16.35	9	18.00	British	Hain Steamship Co	400.0	52.0	24.6	New York	Pago pago	General, case oil	5,800	6,085	4,342
Norman Monarch	8	22.15	9	10.35	9	17.49	9	18.58	British	Monarch Steamship Line	400.0	52.0	18.0	Newport News	Mejillones	Ballast	.....	5,568	4,146
Floridian	8	22.29	9	11.04	9	18.59	9	20.22	American	American-Hawaiian Line	415.0	53.6	23.0	Boston	Bellingham	General	4,715	7,273	5,105
Euryades	9	7.45	9	11.50	9	19.55	9	22.15	British	Alfred Holt & Co	428.5	54.0	28.0	New York	Yokohama	General	6,030	6,914	4,954
Santa Barbara	9	10.20	9	11.55	9	20.32	9	21.40	American	Grace Line	404.6	53.9	28.4	New York	Seattle	General, steel	8,304	6,789	4,746

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Atto	2	17.00	3	7.02	3	16.45	3	22.27	German	Roland Line	361.0	51.0	23.3	Talcahuano	Hamburg	General	5,700	4,805	3,400
Yngaren	2	17.20	3	8.13	3	17.10	3	19.50	Swedish	Transatlantic Steamship Co	422.5	53.8	26.0	Portland	Leith	General	7,830	6,972	5,122
Grande Gaard	2	18.30	3	9.03	3	17.44	3	20.28	Norwegian	Kerr Steamship Co	420.1	54.0	26.0	Shanghai	Boston	General	9,000	6,963	5,051
Oneka	2	22.18	3	9.55	3	19.05	3	9.00	British	Grace Line	411.6	52.3	26.6	Mejillones	New York	Nitrate	8,000	6,532	4,920
Nordfarer	3	11.05	3	12.05	3	19.15	3	21.05	Danish	Grace Line	364.0	47.6	23.6	Iquique	Cristobal[s]	Nitrate	5,900	4,289	3,106
Helredale	3	11.50	3	12.35	3	21.15	3	23.20	British	Andrew Weir & Co	346.5	50.6	22.0	Antofagasta	Alexandria	Nitrate	6,000	4,259	3,180
Nitrokis	3	19.50	4	7.00	4	15.00	4	21.05	German	Kosmos Line	410.9	50.7	25.5	Corral	Hamburg	General	6,150	6,652	4,704
Palena	3	12.30	4	8.20	4	15.25	6	13.13	Chilean	South American Line	350.0	42.1	21.6	Talcahuano	Cristobal	General	500	3,666	2,577
Scotis Monarch	3	20.00	4	8.40	4	16.30	4	19.20	British	Kinsley Steamship Lines	420.5	54.3	24.6	Makatea Is	Europe	Phosphates	7,900	6,321	4,548
Orestes	3	23.00	4	9.48	4	17.37	6	12.20	Dutch	Royal Netherlands W. I. Mail	363.0	48.0	19.7	Valparaiso	Amsterdam	General	3,430	4,166	3,083
Santa Teresa	4	5.15	4	11.10	4	17.30	4	21.15	American	Grace Line	360.2	51.6	24.0	Talcahuano	New York	General	4,100	5,726	4,086
Eldorado	4	8.15	4	12.08	4	19.12	9	20.20	American	Swayne & Hoyt	245.6	42.0	18.0	Seattle	New Orleans	General	2,246	2,439	1,662
Miss Cristobal[1]	.....	.....	4	.....	4	.....	.....	.....	American	Leslie Parsons	24.4	7.0	2.0	Balboa	.....	.....	.....	.....	.....
Cuba	4	7.00	5	7.02	5	14.10	.....	.....	American	Pacific Mail Steamship Co	307.7	42.2	24.7	San Francisco	Cristobal	General	751	3,429	2,206
East Wind	4	6.15	5	8.04	5	16.25	6	17.35	American	United States & American Line	384.3	51.2	18.0	Sydney	New York	General	800	5,966	4,442
Amalthus	5	2.00	5	8.57	5	16.30	5	16.30	British	Anglo-Saxon Petroleum Co	412.0	53.8	24.0	San Pedro	Cristobal[s]	Oil	7,400	6,242	4,300
Canadian Leader	5	8.45	5	9.51	5	17.28	5	19.43	British	Canadian Government	403.0	52.4	19.0	Brisbane	Montreal	General	3,067	5,889	4,103
Patuxent	.....	.....	5	10.50	5	18.03	9	6.34	American	U. S. Navy	156.0	24.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Sandon Hall	4	14.10	5	12.57	5	20.25	5	20.25	British	Ellerman Hall Line	406.0	52.0	23.0	Vancouver	Leith	General	7,316	7,316	4,856
Huallaga	5	5.00	5	13.34	5	21.42	11	10.35	Peruvian	Peruvian Line	360.0	44.7	20.0	Ilo, Peru	Cristobal	General	1,464	4,514	2,386
Steel Ranger	5	13.14	5	14.29	5	22.25	5	22.25	American	Isthmian Steamship Co	424.2	56.2	26.5	Seattle	New York	Canned goods	6,350	7,611	5,450
Arizonan	5	23.00	6	7.59	6	17.20	7	5.10	American	United American Lines	470.1	57.2	30.0	Los Angeles	Hamburg	General	9,129	9,158	6,970
F. J. Luckenbach	6	6.30	6	8.47	6	16.25	6	16.25	American	Luckenbach Line	446.0	66.0	25.6	Portland	Boston	General	7,000	8,508	6,179
Hawaiian	6	11.15	6	11.51	6	19.00	6	20.48	American	United American Lines	406.8	51.1	26.0	Seattle	Philadelphia	General	6,000	6,039	4,180
G. Harrison Smith	6	15.30	7	6.59	7	18.10	8	6.27	British	International Petroleum Co	550.6	73.0	33.6	Cruz Grande	New York	Iron ore	19,500	15,476	11,102
Crosshill	7	3.00	7	9.35	7	18.20	8	6.25	British	McBeth-Blackwood-Laurie	385.3	52.0	24.0	Ocean Island	Rotterdam	Phosphates	6,150	5,140	3,510
Huanchaco	7	10.10	7	10.50	7	18.42	7	20.00	British	Pacific Steam Navigation Co	390.6	50.0	24.0	Valparaiso	Europe	General	5,775	5,905	4,391
Eastern Trader	7	13.30	7	14.04	7	21.35	8	14.25	American	Tampa Interocean Steamship Co	445.0	58.0	29.0	Yokohama	New York	General	9,218	8,622	6,293
Ruapehu	7	6.00	7	14.55	7	22.03	7	23.15	British	New Zealand Shipping Co	457.3	58.0	26.0	Wellington	London	Cold storage, gen.	3,921	9,057	6,813
Waukegan	8	7.30	8	8.54	8	16.22	9	18.15	American	U. S. Government	395.5	55.0	12.0	Honolulu	Cristobal	Army stores	27	7,285	5,256
Ortega	8	5.30	8	10.00	8	16.48	8	20.15	British	Pacific Steam Navigation Co	465.3	57.0	27.6	Punta Arenas	Liverpool	General	5,664	8,345	4,998
Iriquois	8	8.00	8	10.47	8	18.45	9	8.20	British	Anglo-American Oil Co	476.3	60.0	27.3	San Francisco	Hull	Gasoline	3,319	9,380	6,376
Navahoe	8	8.00	8	11.53	8	23.43	9	9.18	British	Anglo-American Oil Co	450.2	58.3	24.5	San Pedro	Hull	Gas and oil	9,507	7,882	6,868
Argosy	8	11.45	8	13.24	8	20.50	8	20.50	American	Wessel & Duval	390.0	54.2	25.4	Iquique	Colon[s]	Nitrate	7,351	6,203	4,280
Conde de Churruca	8	20.20	9	8.05	9	16.00	.....	.....	Spanish	Sociedad Comercial de Orient	383.0	48.7	24.6	Los Angeles	Tampico	Oil	6,000	4,813	2,957
Benavon	9	9.10	9	9.59	9	17.15	9	19.52	British	Ben Line	378.0	46.0	24.0	Portland	Hampton R'ds	Wheat	5,411	4,205	3,044

[s] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 76, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, September 16, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kendal Castle	9	14.35	10	6.25	10	13.58	10	15.15	British	Lancashire Shipping Co	418.0	55.0	25.10	Philadelphia	Hongkong	General	8,400	6,773	4,973
Norway Maru	9	18.38	10	7.28	10	14.55	10	16.35	Japanese	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	26.8	New York	Yokohama	General	6,401	5,926	4,397
Venezuela	9	17.18	10	12.50	10	19.16	11	1.40	American	Pacific Mail Steamship Co	395.0	48.6	23.3	Baltimore	San Francisco	General	2,800	6,033	4,353
South American	10	10.45	11	6.29	11	13.46	11	14.43	British	South American Line	251.0	43.0	17.10	New York	Callao	General, coal	2,191	2,444	1,593
Huallaga	5	21.42	11	10.35	11	16.49	11	19.31	Peruvian	Peruvian Line	360.0	44.7	19.6	Cristobal	Guayaquil	General	517	4,514	2,386
Montrose	11	3.40	11	10.58	11	18.59	11	20.00	British	Australind Steamship Co	365.0	47.0	19.0	Montreal	Sydney	General	3,782	4,680	3,441
Republic	11	13.05	11	13.15	11	20.15	11	21.52	American	Chile Steamship Co	325.0	49.0	17.0	New York	Valparaiso	General	1,023	4,393	3,006
Cuba	5	14.10	12	6.08	12	13.19	12	17.56	American	Pacific Mail Steamship Co	307.8	42.3	19.2	Cristobal	San Francisco	General	1,463	3,429	2,206
Comeric	11	11.03	12	7.25	12	14.46	12	15.51	British	Andrew Weir & Co	412.0	53.2	25.0	New York	Manila	General, case oil	6,453	7,186	5,335
Ansaldo San Giorgio III	11	20.25	12	8.55	12	15.38	13	2.10	Italian	Italian Line	378.0	51.5	18.0	Genoa	Valparaiso	General	908	5,907	4,310
Tudorstar	12	10.25	12	10.35	12	17.36	12	20.25	British	Blue Star Line	440.0	54.0	26.0	Cardiff	San Francisco	Coal	5,296	7,624	5,574
Magdala	12	7.50	12	12.04	12	18.38	12	19.38	Danish	East Asiatic Steamship Co	360.0	52.0	21.6	Alborg	Valparaiso	General	4,619	4,715	3,384
K. I. Luckenbach	12	16.05	13	6.14	13	14.24	13	15.15	American	Luckenbach Line	446.0	56.0	24.0	Boston	San Francisco	General	7,500	8,552	6,236
Delaware	12	18.15	13	7.15	13	14.56	13	17.50	British	Anglo-American Oil Co	345.0	44.2	21.3	Liverpool	San Francisco	Ballast		3,968	2,512
Santa Luisa	13	13.23	14	6.13	14	13.36	14	17.05	American	Grace Line	360.2	51.6	22.10	New York	Talcahuano	General	2,747	5,694	3,975
Sudbury	13	6.30	14	7.20	14	14.35	14	15.38	American	Shawmut Steamship Co	384.8	51.2	19.0	New Orleans	Tacoma	General	2,800	5,213	3,625
Santa Tecla	14	6.05	14	11.00	14	18.23	14	20.42	American	Grace Line	298.6	40.0	19.6	New York	Salaverry	General	1,933	2,832	1,803
Lygnern	14	12.40	14	13.00	14	21.12	15	23.25	Swedish	Swedish Transatlantic Co	400.0	52.7	24.0	Newcastle	Los Angeles	General	7,230	6,280	4,567
Ruby [1]	8–19		14		14	12.58			American	E. J. Hooper				Cristobal	Gatun Lake	Ballast		2	1
Rio Gatun [1]	13		14		14	12.58			Panaman	A. R. Eckhart	38.0	9.0	3.0	Cristobal	Gatun Lake			8	8
Gothicstar	14	23.20	15	6.24	15	13.57	15	16.10	British	Blue Star Line	420.0	54.0	19.6	New York	Seattle	Ballast		7,521	5,852
Amalthus	15	3.57	15	7.30	15	14.49	15	16.01	British	Anglo-Saxon Petroleum Co	412.0	53.8	17.6	Curacao	Los Angeles	Ballast		6,242	4,300
Eagle	15	6.42	15	9.03	15	16.08	15	17.29	American	Standard Transportation Co	410.0	56.0	21.9	New York	Seattle	General	4,971	8,243	6,266
Alvarado	14	7.10	15	9.39	15	16.46	15	20.50	British	MacAndrews & Co	303.0	43.0	16.6	New York	Guayaquil	General	358½	2,844	1,748
Port Auckland	15	6.10	15	10.45	15	17.35	15	18.55	British	Commonwealth and Dom. Line	480.8	63.0	23.6	Belfast	Sydney	General	1,749	10,862	8,192
President Pierce	15	16.09	16	6.24	16	14.11	16	16.22	American	Pacific Mail Steamship Co. (S.B.)	517.0	72.0	24.0	New York	San Francisco	Ballast		15,234	10,471
Waimana	16	12.28	16	7.30	16	15.09	16	16.04	British	Shaw, Savill & Albion Co	477.6	63.0	23.6	London	Dunedin	General	3,670	11,229	8,252
Petricola	16	6.30	16	9.10	16	15.56	16	21.50	British	Anglo-Saxon Petroleum Co	412.0	53.3	18.0	New Orleans	San Francisco	Ballast		6,331	4,422
Georgian	16	3.45	16	9.15	16	16.45	16	17.46	American	American-Hawaiian Line	386.8	52.2	23.4	Philadelphia	Portland	General	3,810	5,749	4,023

[1] Launch.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Steel Voyager	10	19.55	11	10.03	11	16.57	11	16.57	American	Norton, Lilly & Co.	395.3	55.0	26.4	Vancouver	Glasgow	General	6,931	7,285	5,256
Patuxent [2]			11	11.08	11	19.25			American	U. S. Navy	148.0			Balboa	Cristobal				
Naos [1]			11		11				American	R. W. Bain	22.0			Balboa	Pedro Miguel				
F. H. Hillman	12	2.30	12	7.45	12	15.47	12	15.47	American	Standard Oil Co	500.0	68.2	28.10	San Francisco	Philadelphia	Benzine	14,533	11,225	7,913
Ecuador	12	2.36	12	12.53	12	19.53	13	10.47	American	Pacific Mail Steamship Co	380.0	48.7	25.0	San Francisco	New York	General	3,146	5,926	4,178
Knoxville City	13	0.15	13	7.38	13	14.58	13	14.58	American	Isthmian Steamship Lines	424.2	56.2	25.6	Tacoma	Baltimore	General	6,300	7,611	5,450
David Lloyd George	13	8.30	13	9.37	13	17.55	13	19.50	British	William & Morley	370.15	51.45	23.6	San Francisco	Leith	Barley	6,533	5,063	3,615
Andrea F. Luckenbach	13	9.00	13	10.51	13	18.16	13	18.16	American	Luckenbach Line	496.0	68.2	28.0	San Francisco	Philadelphia	General, lumber	12,000	11,487	8,762
Dakotan	13	10.35	13	11.55	13	18.37	13	18.37	American	United American Lines	407.7	53.7	25.0	Bellingham	New York	General		7,156	5,058
Plum Branch	13	11.30	13	13.08	13	21.52	13	23.59	British	F. & W. Ritson	398.5	53.8	22.6	Taltal	Liverpool	General	5,955	5,761	3,881
Nyanza	13	13.15	13	14.25	13	23.20	14	10.25	American	Moore & McCormick	407.7	55.2	25.6	Tacoma	New York	Copper, lumber	6,500	6,240	4,429
Hattie Luckenbach	13	8.00	13	14.30	13	24.45	13	23.45	American	Luckenbach Line	331.5	47.0	25.0	Portland	New Orleans	General, lumber	4,159	4,808	3,768
Sydic	14	1.00	14	8.03	14	17.05	15	3.05	Swedish	Transatlantic Co	399.0	54.0	21.0	Suva, Fiji	Falmouth	Copper	5,125	5,420	4,035
Atlantic Sun	14	7.00	14	9.43	14	18.11	14	19.32	American	Sun Co	429.3	59.2	26.8	Los Angeles	Philadelphia	Oil	1,000	7,898	5,593
Manavi	14	3.15	14	10.58	14	19.40			British	Pacific Steam Navigation Co	216.0	35.1	15.3	Guayaquil	Cristobal	General	855	1,357	884
Bjornstjerne Bjornson	14	14.50	15	6.52	15	14.35	15	15.40	Norwegian	Olaf Orvic	410.0	54.0	21.6	Victoria, B. C.	New York	Lumber, shingles	4,800	6,304	4,752
Leise Maersk	15	2.00	15	7.47	15	15.03	15	15.03	Danish	A. P. Moller	302.2	44.2	22.3	Iquique	Alexandria	Nitrate	4,150	3,212	2,166
Siberian Prince	15	6.00	15	8.59	15	17.00	15	18.22	British	Furniss Prince Line	423.5	56.0	25.0	Seattle	Glasgow	General	7,394	6,267	4,565
Santa Rosa	15	7.54	15	10.02	15	17.03	15	17.03	American	Grace Line	404.6	54.0	24.2	Port Angeles	New York	General	5,606	6,754	4,780
Benjamin Brewster	16	.05	16	7.43	16	15.13	16	15.13	American	International Petroleum Co	411.6	53.2	24.6	Talara	Habana	Oil	7,300	6,177	4,244
Imperial	16	7.30	16	9.05	16	16.03			Chilean	South American Line	336.8	41.2	20.6	Valparaiso	Cristobal	General	366	3,296	2,156
Laura C. Hall	15	18.00	16	10.15	16	16.37			British	Pacific Metals Corp	81.0	25.6	10.0	Buenaventura	Cristobal	Coffee [3]	67½	132	72
Mantaro	16	6.30	16	13.00	16	20.00			Peruvian	Peruvian Line	367.3	46.0	17.3	Ilo	Cristobal	General	1,207	4,838	2,959

[2] And barge. [3] Coffee, gold, and platinum.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Sept. 10	Atenas	United Fruit Co	New Orleans via Habana.
Sept. 10	Ulua	United Fruit Co	Port Limon, C. R.
Sept. 10	Meltonian	Leyland Line	Liverpool.
Sept. 12	Amassia	Hamburg-American Line	Hamburg and wayports.
Sept. 12	Toloa	United Fruit Co	New York via Habana.
Sept. 12	Heredia	United Fruit Co	New Orleans via Port Limon.
Sept. 13	Tivives	United Fruit Co	New York via Kingston.
Sept. 13	Carrillo	United Fruit Co	Colombian ports.

[4] U. S. Army transport.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Sept. 10	Ulua	United Fruit Co	New York via Habana.
Sept. 10	Meltonian	Leyland Line	New Orleans via Jamaica.
Sept. 11	Atenas	United Fruit Co	Bocas del Toro.
Sept. 12	St. Mihiel [4]	U. S. Army	New York.
Sept. 12	Amassia	Hamburg-American Line	Port Limon.
Sept. 13	Toloa	United Fruit Co	Port Limon.
Sept. 14	Heredia	United Fruit Co	New Orleans and wayports
Sept. 14	Tivives	United Fruit Co	Colombian ports.
Sept. 14	Carrillo	United Fruit Co	New York via Kingston.

(Continued on page 86, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, September 23, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Ruahine	16	17.00	17	6.25	17	13.46	17	19.15	British	New Zealand Shipping Co	480.6	60.3	26.7	London	Auckland	Textiles, iron, etc	3,478	11,027	8,188
Essequibo	16	15.30	17	7.26	17	14.32	17	16.23	British	Pacific Steam Navigation Co.	450.0	57.0	25.3	New York	Valparaiso	General	2,470	9,099	6,117
Bologna	15	7.25	17	9.13	17	15.50	17	16.43	Italian	Italian Line	380.0	46.8	19.0	Genoa	Valparaiso	General	680	5,531	3,773
Dinteldijk	16	15.24	17	11.13	17	17.59	17	19.00	Dutch	Holland-American Line	485.0	62.0	20.7	Rotterdam	Vancouver	General	4,815	10,786	7,551
Roman Prince	12	18.43	17	11.49	17	19.05	17	20.00	British	Prince Line, Ltd	420.0	54.1	25.0	Antwerp	Los Angeles	General	6,300	6,719	5,110
Ohioan	17	7.08	17	12.55	17	19.45	17	20.45	American	American-Hawaiian Line	407.0	53.7	23.10	New York	Los Angeles	General	5,117	7,112	4,896
Bernice G.[1]			17		17	13.38			American	O. E. McCoin	20.4	7.8		Cristobal	Gatun Lake			2	2
Mahia	17	16.07	18	6.20	18	13.55	18	14.59	British	Shaw, Savill & Albion Co	477.6	63.0	28.0	London	Auckland	General	4,750	11,026	7,912
Rhodophis	17	18.25	18	7.15	18	14.54	18	16.06	German	Kosmos Line	435.0	53.0	23.6	Hamburg	Valparaiso	General	3,935	7,525	5,154
Santa Clara	15	7.30	18	8.48	18	16.00	18	17.00	American	Atlantic & Pacific Steamship Co.	404.6	53.9	26.7	New York	Seattle	General	5,960	6,760	4,450
Stuart Dollar	18	10.00	18	10.25	18	17.00	18	21.20	American	Dollar Line	429.0	55.0	23.0	New York	Vancouver	General, steel	6,067	7,584	5,538
Chaumont[2]	18	6.20	18	11.50	18	18.05	20	11.24	American	U. S. Navy	436.0	58.0	22.0	Hampton R'ds	San Diego	Naval stores	351		
Kina	18	12.25	18	12.50	18	19.32	18	20.45	Danish	Orient Steamship Co	374.0	53.3	24.6	Copenhagen	Los Angeles	General	4,666	6,080	4,618
Galveston[3]	16	15.03	19	6.10	19	14.07	19	14.14	American	U. S. Navy	308.0	44.0	18.5	Trujillo	Balboa				
Patuxent[4]	11	19.25	19	6.15	19	14.00			American	U. S. Navy	156.0	24.0		Cristobal	Balboa				
Atlanta City	18	15.06	19	7.00	19	15.00	19	16.04	American	U. S. Steel Products Co	424.5	56.2	25.0	Mobile	Los Angeles	General	7,601	7,539	5,448
Robin Goodfellow	18	17.38	19	8.43	19	16.34	19	17.40	American	Robin Line	424.8	55.2	27.8	New York	San Diego	General	8,550	7,473	5,536
Sunbeam	19	7.50	19	9.25	19	17.15	19	18.10	American	Sun Co	429.0	59.0	23.0	Philadelphia	Los Angeles	Ballast		7,701	5,472
Imperial	16	16.03	20	6.25	20	13.45	20	15.54	Chilean	Chilean Line	336.8	41.2	23.6	Cristobal	Valparaiso	General	702	3,296	2,156
Deucalion	19	23.24	20	7.00	20	14.48	20	15.54	British	Alfred Holt & Co	443.0	52.0	25.0	New York	Yokohama	General	4,610	6,973	4,917
Nagato Maru	20	10.47	20	10.55	20	18.05	20	19.17	Japanese	Nippon Yusen Kaisha	385.0	51.0	23.6	New York	Yokohama	General	4,505	6,043	4,509
Gaelic Prince	20	8.40	20	12.45	20	20.03	20	21.08	British	Prince Line, Ltd	449.5	57.0	28.3	New York	Hongkong	General, case oil.	8,000	9,160	6,671
Ardmore	20	19.18	21	6.20	21	14.02	21	15.43	American	Standard Oil Co	449.5	59.6	21.0	Rotterdam	Talara	Ballast		8,612	6,457
D. G. Schofield	20	19.50	21	7.20	21	14.34	21	15.44	American	Standard Oil Co	439.5	58.0	21.0	New York	San Francisco	General	3,221	8,912	6,254
Borgland[5]	20	22.02	21	8.50	21	15.32	22	23.22	Norwegian	Peter Olsen	370.0	52.0	20.0	Christiania	San Francisco	General	3,860	5,274	3,886
Mantaro	16	20.00	21	10.37	21	17.13	21	18.14	Peruvian	Peruvian Line	367.3	46.0	19.3	Cristobal	Buenaventura	General	218	4,838	2,959
Limnea	21	12.55	21	13.05	21	20.00	22	19.46	British	Anglo-Saxon Petroleum Co.	412.0	53.4	24.6	Port Arthur	Shanghai	Kerosene	7,536	6,090	4,324
Polaris[1]			21	6.40	21				American	Captain Dunn				Cristobal	Balboa	Ballast		41	24
Mary J[1]	19		21		21	10.49			American	A. V. Mitchell				Cristobal	Gatun Lake	Ballast		1	1
Iowan	22	6.45	22	9.36	22	16.37	22	17.30	American	American-Hawaiian Line	407.7	53.7	22.0	Glasgow	Los Angeles	General	4,978	7,091	5,002
Kanju Maru	15	8.35	22	11.15	22	18.17	22	19.30	Japanese	Asahise Kiyu Kabushiki Kaisha	420.0	54.0	20.10	Hamburg	Los Angeles	Ballast		6,666	4,522
Iowa	22	6.18	22	11.54	22	19.07	22	20.08	French	French Line	448.9	53.3	17.7	Bordeaux	San Diego	General	1,450	7,520	5,070
Orinoco	22	13.40	23	6.13	23	13.59	23	15.00	American	Oriental Navigation Co	376.4	52.3	22.6	Philadelphia	San Francisco	General	5,900	5,455	3,902
Marore	23	12.27	23	7.00	23	15.02	23	16.20	American	Guaranty Trust Co	550.3	72.2	25.0	New York	Cruz Grande	Ballast		15,551	4,297
Santore	23	4.22	23	8.53	23	16.44	23	17.45	American	Guaranty Trust Co	449.0	57.0	20.0	New York	Cruz Grande	Ballast		7,808	5,139
Lehigh	23	8.17	23	9.15	23	15.56	23	18.05	American	N. Atl. & Western S. S. Co. (S.B.)	390.0	54.2	19.6	Boston	Seattle	General	3,066	6,142	4,276

[1] Launch. [2] U. S. Navy transport. [3] Cruiser. [4] Tug. [5] Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Roxburg	16	22.00	17	8.20	17	17.37	17	19.20	British	Ridley Son & Tully	355.4	50.0	25.0	Antofagasta	Philadelphia	Nitrate	7,094	4,880	3,511
Huntsman	17	1.00	17	8.45	17	16.29	17	17.19	British	Harrison Line	482.0	58.3	27.0	San Francisco	Liverpool	General	10,278	9,256	6,534
Portsaid Maru	18	6.03	18	7.53	18	15.38	18	15.38	Japanese	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	26.0	San Francisco	Norfolk	Barley	7,236	5,914	4,399
Niels Nielsen	18	12.00	18	12.55	18	20.30	19	11.45	Norwegian	B. Stolt Nielsen & Co	411.6	54.2	24.6	Portland	Dunkirk	Wheat, barley	7,663	6,623	5,062
Bessemer City	19	8.45	19	9.40	19	17.50	19	20.45	American	Isthmian Steamship Lines	424.2	56.2	25.0	Honolulu	Baltimore	Pineapples	8,000	7,611	5,450
Salvador	19	7.25	19	10.59	19	18.20	....	.....	British	Pacific Steam Navigation Co	215.0	34.5	15.2	Champerico	Cristobal	General	445	1,213	692
Trophon	14	18.10	19	12.48	19	19.34	19	20.30	British	Sheel Oil Co	350.8	46.1	24.0	Los Angeles	Tampico	Ballast	.....	4,336	3,161
Junin	19	15.00	20	6.51	20	15.02	20	16.06	British	Pacific Steam Navigation Co	391.5	50.2	24.0	Punta Arenas	Liverpool	General	5,728	5,930	4,395
Italia	20	8.30	20	9.39	20	17.00	20	18.30	Swedish	Swedish Lloyds	283.0	41.0	18.0	Iquique	New Orleans	Nitrate	2,720	2,321	1,457
Koranton	20	11.45	20	12.35	20	20.06	21	18.00	British	R. Champman & Son	412.6	55.5	27.8	Portland	Cristobal[6]	Wheat	8,800	6,811	4,810
Bolivia	20	13.00	20	14.13	20	22.37	21	1.47	Danish	Orient Steamship Co	393.7	55.9	27.0	Honolulu	Copenhagen	General	9,500	7,133	5,263
Ebro	20	18.00	21	7.00	21	14.30	21	18.15	British	Pacific Steam Navigation Co	450.0	59.0	25.6	Valparaiso	New York	General	4,444	9,151	6,227
Henry S. Grove	21	4.40	21	7.46	21	15.57	21	15.57	American	Pacific Steamship Co	420.6	55.0	27.0	Bellingham	Baltimore	General, lumber	8,000	7,654	4,688
Argonne	20	6.45	21	10.54	21	17.13	21	23.55	American	U. S. Army	448.0	58.0	20.6	San Francisco	Philadelphia	Govt. supplies	393	5,879	4,335
Ansaldo San Giorgio II	21	14.15	22	6.58	22	14.57	22	14.57	Italian	National Navigation Co	391.7	52.0	24.4	Valparaiso	Genoa	General	7,336	5,902	4,287
Willpolo	21	23.00	22	7.47	22	15.19	22	15.19	American	Williams Steamship Co	386.8	52.2	23.0	Portland	Philadelphia	General, lumber	5,540	5,679	4,112
Dicto	22	9.00	22	8.59	22	16.52	23	14.55	Norwegian	D. Stolt Nielsen	341.2	48.2	22.6	Portland	Cork	Wheat	5,043	4,369	3,180
Lochkatrine	22	14.00	23	7.00	23	14.05	23	20.17	British	Royal Mail Steam Packet Co	485.4	62.3	28.7	Tacoma	London	General	9,100	10,802	7,595
South Gate	22	20.00	23	7.42	23	16.30	23	17.55	British	Andrew Weir & Co	351.3	43.2	23.0	Pisagua	Alicante	Nitrate	5,400	4,054	3,057
Cold Harbor	22	20.45	23	8.58	23	17.27	24	6.48	American	N. American & West. S. S. Co	390.0	54.2	27.0	Seattle	Philadelphia	General, lumber	6,094	6,166	4,312
Baron Polwarth	22	22.10	23	9.48	23	17.56	23	19.10	British	Hogarth Shipping Co	400.2	53.0	23.6	Portland	Hampton R'ds	Wheat	7,194	5,497	4,105
Missourian	22	23.30	23	10.47	23	18.14	23	18.14	American	United American Lines	445.0	59.8	26.6	Seattle	Hamburg	General	8,000	8,567	6,020
Tiger	23	6.30	23	11.52	23	19.27	23	19.27	American	Crowell & Thurlow	410.0	56.0	28.0	Portland	Baltimore	General, lumber	900	8,243	6,213
Ares	23	10.00	23	12.40	23	21.05	24	20.13	Dutch	Royal Netherlands W. I. Mail	341.0	49.0	20.0	Valparaiso	Amsterdam	General, nitrate	3,750	4,385	3,195

[6] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Sept. 17	Abangarez	United Fruit Co	New Orleans and Habana.
Sept. 17	Toloa	United Fruit Co	Port Limon.
Sept. 17	Antiochia	Hamburg-American Line	Hamburg via wayports.
Sept. 18	Parismina	United Fruit Co	New Orleans.
Sept. 19	Calamares	United Fruit Co	New York via Habana.
Sept. 19	Oranje Nassau	Royal Netherlands W. I. Mail	Amsterdam via wayports.
Sept. 20	Tivives	United Fruit Co	Colombian ports.
Sept. 20	Cambrai[7]	United States Army	New York.
Sept. 21	Abangarez	United Fruit Co	Bocas del Toro.
Sept. 21	Metapan	United Fruit Co	New York via Kingston.
Sept. 21	Solana	Pacific Mail Steamship Co	Tampico.
Sept. 22	Columbia	N. O. & S. A. S. S. Line	New Orleans.
Sept. 23	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Sept. 17	Toloa	United Fruit Co	New York via Habana.
Sept. 18	Abangarez	United Fruit Co	Bocas del Toro.
Sept. 18	Antiochia	Hamburg-American Line	Port Limon.
Sept. 19	Colon	Panama Railroad Steamship Line	New York via Haiti.
Sept. 19	Cristobal	Panama Railroad Steamship Line	Norfolk.
Sept. 20	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.
Sept. 20	Calamares	United Fruit Co	Port Limon.
Sept. 21	Parismina	United Fruit Co	New Orleans via wayports.
Sept. 21	Abangarez	United Fruit Co	New Orleans.
Sept. 21	Tivives	United Fruit Co	New York via Kingston.
Sept. 21	Metapan	United Fruit Co	Colombian ports.
Sept. 23	Cambrai[7]	U. S. Army	New York.
Sept. 23	Oranje Nassau	Royal Netherlands W. I. Mail	Puerto Colombia.
Sept. 23	Columbia	N. O. &. S. A. S. S. Line	New Orleans.

PORT OF BALBOA.

Sept. 18	Costa Rica	Costa Rican Government	Guayaquil.
Sept. 18	Guardian	All-America Cables Co	Antofagasta.

[7] U. S. Army transport.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, September 30, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Almelo	22	11.22	25	6.07	25	13.54	25	15.10	Dutch	Royal Netherlands W. I. Mail	440.0	62.6	19.3	Amsterdam	Guayaquil	General	2,803	9,403	6,653
Cape Ortegal	24	19.05	25	7.35	25	15.03	25	16.09	British	Lyle Shipping Co	405.0	52.0	16.0	Philadelphia	Iquique	Ballast		5,650	4,071
Walter A. Luckenbach	25	3.27	25	8.50	25	15.58	25	21.30	American	Luckenbach Line	446.5	56.1	24.6	New York	Los Angeles	General	4,700	8,785	6,567
Birmingham [1]	18	14.58	25	9.30	25	15.41			American	U. S. Navy	420.0	47.0	20.6	Port Limon	Balboa				
Laura C. Hall [2]	16	16.36	25	9.10	25	17.34	26	11.30	British	Pacific Metals Corp	81.0	25.6	9.0	Cristobal	Buenaventura	General	7	132	72
Orcus	25	9.52	25	10.20	25	17.34	26	15.35	American	Wessel Duval & Co. (S. B.)	380.0	53.0	13.8	New York	Chile	(7)	1,650	5,667	4,227
Pacific	25	3.52	25	11.45	25	19.16	25	20.30	American	Argonaut Steamship Co	399.9	56.6	25.11	Baltimore	Honolulu	General	8,184	6,479	4,709
Ruby [3]	20		25		25	12.40			American	E. J. Hooper				Cristobal	Gatun Lake	Ballast		1	1
No. 40 [3]			25		25	12.40			American	J. A. Walker				Cristobal	Gatun Lake	Ballast		10	10
No. 35 [3]			25		25	12.40			American	J. A. Walker				Cristobal	Gatun Lake	Ballast		10	10
No. 4892 [3]			25		25	12.40			American	J. A. Walker				Cristobal	Gatun Lake	Ballast		5	5
No. 2962 [3]			25		25	12.40			American	J. A. Walker				Cristobal	Gatun Lake	Ballast		3	3
Zenon	26	0.01	26	10.20	26	17.25	26	18.21	French	French Line	387.0	50.8	19.00	Antwerp	Vancouver	Steel, tobacco	2,370	6,982	4,934
Lake Shore	26	8.10	26	10.50	26	18.14	26	19.55	American	E. K. Wood Lumber Co	252.0	43.5	18.10	New York	San Francisco	General	2,530	2,282	1,522
Nassa	26	Noon	26	12.10	26	19.27	27	1.20	British	Anglo-Saxon Petroleum Co	412.2	53.0	25.6	Port Arthur	Shanghai	Kerosene	7,649	6,236	4,338
Benjamin Brewster	26	12.13	26	12.20	26	20.12	26	21.18	American	Standard Oil Co	411.6	53.2	22.8	Habana	Talara	Ballast		6,177	4,244
Nebraskan	26	13.20	26	13.25	26	21.29	26	22.35	American	American-Hawaiian Line	368.6	55.2	22.0	Philadelphia	Los Angeles	General	3,945	5,707	3,643
Willsolo	26	1.00	27	6.08	27	14.05	27	15.12	American	Williams Steamship Co	450.0	57.0	25.10	New York	Los Angeles	General	7,500	7,983	5,882
City of Winchester	27	12.29	27	7.15	27	15.19	27	16.05	British	Ellerman Lines	474.2	58.0	26.0	New York	Brisbane	General	9,506	8,783	6,603
Shunko Maru	27	12.15	27	8.57	27	16.22	27	15.32	Japanese	Osaka Shosen Kaisha	425.0	54.0	19.6	New York	Yokohama	General	2,808	6,914	5,296
Paul Luckenbach	27	6.02	27	9.37	27	17.30	27	18.35	American	Luckenbach Line	471.1	59.2	25.5	Philadelphia	San Francisco	General	8,500	9,027	6,672
Patuxent [4]	25	16.53	27	12.45	27	20.10			American	U. S. Navy	156.0	24.0		Cristobal	Balboa				
Salvador	19	18.20	27	13.05	27	19.18	27	22.50	British	Pacific Steam Navigation Co	225.0	35.4	15.0	Cristobal	Champerico	General	1,048	1,213	692
Woyo Maru	27	15.48	28	6.30	28	13.43	28	14.50	Japanese	Toyo Kisen Kaisha	400.0	53.0	20.0	New York	Yokohama	(8)	4,375	6,187	4,541
Santa Teresa	27	13.28	28	7.25	28	14.52	28	16.24	American	Grace Line	360.2	51.6	22.6	New York	Talcahuano	General	2,116	5,726	4,086
Rigel [5]	27	14.31	28	8.50	28	16.25	28	20.00	American	U. S. Navy	410.0	54.0	23.6	Norfolk	San Diego	Naval stores	1.000		
Seattle Maru	28	3.42	28	9.40	28	17.51	28	18.12	Japanese	Osaka Shosen Kaisha	419.7	49.5	21.6	Buenos Aires	Kobe	General	1,787	6,226	4,118
Californian [6]	29	5.30	29	8.15	29	14.46	29	15.56	American	American-Hawaiian Line	445.1	59.8	24.0	Boston	Portland	General	6,800	8,567	6,020
Cacique	27	12.05	29	9.16	29	16.25	29	17.36	American	Grace Line	394.2	52.3	20.4	Baltimore	Seattle	General	4,600	6,652	4,913
San Eduardo	29	16.33	30	6.25	30	14.08	30	15.42	British	Eagle Oil Transportation Co	419.0	54.0	26.0	Tampico	Antofagasta	Oil	7,823	6,390	4,382
Otaki	30	8.40	30	9.05	30	16.47	30	18.10	British	New Zealand Shipping Co	449.0	58.0	28.0	New York	Sydney	General, case oil	8,300	8,256	5,470
Huasco	27	15.50	30	13.00	30	19.30	30	20.28	Chilean	Chilean Line	379.0	44.0	22.5	Cristobal	Valparaiso	General	412	4,552	3,182

[1] Cruiser. [2] Motor schooner. [3] Launch. [4] Tug. [5] U. S. Navy supply ship. [6] Motor ship. [7] Cement, structural steel, and general. [8] Steel goods, machinery, rosin, sulphate of ammonia, and cotton.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Gen. O. H. Ernst	23	5.00	24	7.09	24	13.40	25	13.31	American	Panama Railroad Steamship Line	356.4	45.3	17.0	Guayaquil	New York	General	1,134	4,503	2,764
Pleiades	24	6.00	24	8.11	24	15.14	24	15.14	American	Luckenbach Line	331.5	47.0	23.0	Portland	Mobile	General	2,200	4,147	3,259
Sherman	24	12.32	24	13.38	24	.....	25	1.12	American	Chile Steamship Co	400.3	45.3	25.0	Tocopilla	Baltimore	Copper, nitrate	6,175	5,037	3,492
Lena Luckenbach	24	14.45	25	7.00	25	14.09	25	16.11	American	Luckenbach Line	425.0	53.8	26.0	Portland	New York	General, lumber	6,056	7,217	5,295
West Cherow	24	16.00	25	8.00	25	15.52	25	19.00	American	U. S. & Australian Line	409.8	54.2	24.0	Antofagasta	Colon[10]	Nitrate	7,021	6,588	4,824
Santa Elisa	25	5.00	25	8.53	25	15.16	25	19.13	American	Grace Line	366.3	51.7	23.1	Talcahuano	New York	General	3,487	5,957	4,325
Patuxent	25	.....	25	11.05	25	16.53	27	12.45	American	U. S. Navy	154.0	24.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Balboa	25	11.20	25	13.41	25	20.36	1	7.12	American	Stone & Yard	190.0	29.1	15.5	Guayaquil	Cristobal	General	395	737	335
Queen Louise	24	9.00	26	7.04	26	16.12	26	16.12	British	Cadogan Steamship Co	404.9	53.5	24.0	Los Angeles	Tampico	Ballast	.....	6,163	4,750
S-34[9]	25	18.30	26	8.16	26	16.23	.....	.....	American	U. S. Navy	220.0	20.8	20.0	Los Angeles	New London	.....	.....	.....	.....
S-35[9]	25	18.30	26	8.18	26	16.23	.....	.....	American	U. S. Navy	220.0	20.8	20.0	Los Angeles	New London	.....	.....	.....	.....
Birmingham City	25	20.22	26	8.52	26	16.55	26	16.55	American	Isthmian Lines	395.5	55.0	27.0	Seattle	Boston	General	6,600	6,841	4,686
River Trent	25	20.30	26	10.02	26	18.13	27	10.50	British	Merrett Brothers	348.8	50.5	21.3	Iquique	St. Thomas[10]	Nitrate	5,500	3,986	2,955
Toba Maru	26	9.25	26	10.55	26	18.35	27	5.05	Japanese	Nippon Yusen Kaisha	445.0	53.0	21.6	Manila	New York	General	9,803	5,825	4,132
Wabash	26	11.30	26	12.29	26	19.47	26	21.00	American	North American & West. S. S. Co.	381.0	49.9	25.0	Seattle	Portland	General, lumber	4,800	8,058	5,743
Ucayali	26	4.25	26	13.35	26	21.20	1	10.35	Peruvian	Peruvian Line	374.7	46.3	18.9	Callao	Cristobal	General	835	4,466	2,405
San Juan	26	16.30	27	7.35	27	15.00	2	6.08	American	Pacific Mail Steamship Co	283.0	37.0	15.6	San Francisco	Cristobal	General	303	2,379	1,593
Huasco	26	21.35	27	7.40	27	15.50	30	13.00	Chile	South American S. S. Co	379.0	44.0	21.0	Talcahuano	Cristobal	General	764	4,552	3,182
Henderson	25	1.00	27	9.47	27	17.11	27	17.11	American	U. S. Government	483.0	61.0	22.0	San Francisco	Hampton Rds.	Navy cargo	1	.....	.....
Chattanooga City	27	7.20	27	13.33	27	20.17	27	20.17	American	Isthmian Lines	424.2	56.2	24.0	Seattle	Boston	General	6,338	7,611	5,450
Melville Dollar	27	17.00	28	6.46	28	14.14	28	15.53	American	Dollar Line	429.0	55.2	27.0	Grays Harbor	New York	General, lumber	3,233	7,581	5,519
Sabine Sun	27	17.15	28	8.20	28	15.21	28	16.48	American	Sun Steamship Co	429.3	59.2	27.6	Los Angeles	Chester, Pa.	Oil	10,300	7,898	5,459
Berengar	28	7.50	28	8.53	28	16.35	29	6.05	British	Oakhorn Steamship Co	399.6	53.7	27.6	San Francisco	Gibraltar[10]	Barley	8,100	6,403	4,620
Mineola	28	7.50	28	9.54	28	17.15	28	22.30	American	Grace Line	298.6	40.0	20.8	Lobos de Afuera	New York	Guano	2,300	2,835	1,805
Irene S. Wilkinson	17	9.40	28	11.00	.....	.....	.....	.....	American	Howard Lumber Co	187.3	38.0	16.5	S. Miguel Bay	New Orleans	Lumber	1,200	866	730
Steel Scientist	29	8.15	29	9.00	29	15.33	29	15.33	American	Isthmian Lines	422.2	56.2	23.0	Everett	Baltimore	General, lumber	6,411	7,611	5,454
China Arrow	29	22.00	30	7.58	30	14.58	30	14.58	American	Standard Transportation Co	468.3	62.7	20.0	Manila	New York	Coconut oil	6,500	10,084	7,388
Radix	29	22.30	30	8.33	30	16.10	30	16.10	British	Anglo-Saxon Petroleum Co	411.0	56.0	29.0	Los Angeles	Curacao	Oil	9,483	7,428	5,277
Edward Luckenbach	30	11.00	30	11.59	30	18.35	1	5.25	American	Luckenbach Line	437.0	72.5	26.0	Portland	New York	General, lumber	7,365	8,543	6,426

[9] Submarine. [10] For orders. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Sept. 6	Linda S.[2]	Surgeon Brothers	Colon.
Sept. 24	Turrialba	United Fruit Co	New Orleans and Habana.
Sept. 24	Calamares	United Fruit Co	Port Limon.
Sept. 24	Quail[4]	U. S. Navy	Hampton Roads.
Sept. 24	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Sept. 8	Linda S.[2]	Surgeon Bros	Colon.
Sept. 24	Calamares	United Fruit Co	New York via Habana.
Sept. 25	Turrialba	United Fruit Co	Bocas del Toro.
Sept. 25	Amassia	Hamburg-American Line	Cartagena.
Sept. 27	Pastores	United Fruit Co	Port Limon.

(Continued on page 114, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 7, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Astronomer	9-30	6.10	1	6.08	1	13.46	1	15.05	British	Harrison Line	482.0	58.6	24.6	London	Vancouver	General	6,800	8,898	6,334
Balboa	9-25	20.35	1	7.12	1	14.25	1	24.00	American	Colombian Maritime Co	190.0	29.0	11.3	Cristobal	Ecuador	General	20	737	335
Almagro	9-24	14.13	1	7.30	1	14.45	1	18.30	British	McAndrews & Co	303.4	43.0	13.7	New York	Guayaquil	General	579	2,878	1,714
Theban	9-30	14.43	1	8.04	1	15.33	1	16.35	German	Kosmos Line	339.5	48.0	19.0	Hamburg	Guayaquil	General	2,764	4,094	2,924
Wonganella	1	6.05	1	8.47	1	16.52	1	18.05	British	William Crosbie & Co	360.0	48.5	22.6	Hull	San Francisco	Pig iron, coke	3,860	4,502	3,278
Ucayali	9-26	21.20	1	10.35	1	16.58	1	21.30	Peruvian	Peruvian Line	374.0	46.0	17.0	Cristobal	Guayaquil	General	469	4,466	2,405
Kronstad	1	9.43	1	10.57	1	17.57	1	18.53	Norwegian	Grefstads Rederi	313.0	46.5	14.0	Norfolk	Junin	Ballast	.....	2,963	2,070
J. N. Pew	1	11.13	1	11.32	1	18.50	1	20.20	American	Sun Co	480.5	66.0	19.0	Chester	Los Angeles	Ballast	.....	9,494	6,612
Siam[1]	9-30	20.50	1	12.20	1	19.35	1	20.35	Danish	East Asiatic Steamship Co	410.0	55.2	17.6	Copenhagen	Corral	General	2,356	7,068	5,303
F. H. Hillman	9-30	21.22	1	12.27	1	20.40	2	9.59	American	Standard Oil Co	500.0	68.0	24.3	Philadelphia	San Francisco	Gasoline	750	11,225	7,913
San Juan	9-27	15.00	2	6.08	2	13.37	2	19.35	American	Pacific Mail Steamship Co	283.0	37.0	17.10	Cristobal	San Francisco	General	1,483	2,379	1,593
Middlesex	2	1.53	2	7.24	2	14.43	3	24.00	British	Federal Steam Navigation Co	460.0	62.0	28.0	Liverpool	Auckland	General	9,305	10,600	7,614
Nevadan	2	3.35	2	8.02	2	15.27	2	16.27	American	American-Hawaiian Line	368.8	55.0	23.0	Philadelphia	Los Angeles	General	6,788	5,671	3,627
Meiyo Maru	2	6.05	2	8.47	2	16.21	3	7.41	Japanese	Toyo Kisen Kaisha	400.0	53.0	16.0	New York	Kobe	General	1,195	6,163	4,376
American	2	8.35	2	9.43	2	17.10	2	19.15	American	American-Hawaiian Line	406.8	51.0	24.6	Philadelphia	Los Angeles	General	4,000	5,988	4,226
No. 285[2]	.....	.....	2	9.00	2	15.17	.....	.....	American	U. S. Navy	.....	.....	.....	Cristobal	Balboa	.....	.....	.....	.....
Erle	2	9.05	2	12.45	2	19.45	2	20.45	Norwegian	Gorrissen & Co	400.2	53.0	21.2	Philadelphia	Yokohama	General	5,200	6,207	4,501
Canadian Conqueror	2	19.37	3	6.30	3	13.47	3	15.19	British	Canadian Govt. Merchant Marine	413.0	52.6	23.0	Montreal	Adelaide	General	4,600	5,954	4,127
Robin Adair	2	18.05	3	7.20	3	15.10	3	16.35	American	Seas Shipping Co	424.8	55.2	27.4	New York	San Diego	General, steel	8,700	7,470	5,529
Easterner	1	20.45	3	8.33	3	16.32	3	17.46	American	U. S. & A. Line (S. B.)	385.0	51.0	26.6	New York	Adelaide	General	7,000	5,945	4,561
Katrina Luckenbach	3	8.35	3	9.35	3	17.23	3	21.45	American	Luckenbach Line	446.0	56.0	27.0	New York	Los Angeles	General	6,579	8,308	6,179
Margaret Dollar	3	9.10	3	12.45	3	19.35	3	20.50	American	Dollar Line	429.0	52.0	26.1	Baltimore	Los Angeles	General	6,000	7,579	5,527
Alda	3	19.55	4	6.25	4	14.19	4	16.10	German	Roland Line	360.0	51.2	22.0	Hamburg	Corral	General	4,073	4,791	3,392
North American	3	15.41	4	6.12	4	14.40	4	16.10	British	North American Steamship Co	251.0	43.0	14.11	Mobile	Buenaventura	General, coal	900	2,444	1,571
La Paz[1]	2	16.55	4	7.20	4	15.02	4	16.27	British	Pacific Steam Navigation Co	406.0	54.0	26.2	Hull	Valparaiso	General	9,208	7,216	4,912
William Rockefeller	3	23.26	4	8.10	4	15.53	4	16.54	American	Standard Oil Co	554.9	75.3	19.10	New York	Los Angeles	Ballast	.....	14,785	10,313
City of Pekin	4	0.20	4	8.50	4	16.55	4	17.53	British	Ellerman Lines, Ltd	442.0	59.8	25.0	New York	Yokohama	General	7,390	9,048	6,846
Deerfield	4	18.09	5	6.15	5	13.52	5	15.16	American	Elder Steel Steamship Co	450.0	57.6	26.0	New York	Seattle	General	5,925	7,893	5,647
Australford	4	18.17	5	7.33	5	14.49	5	16.27	British	Australian Government	376.1	52.0	18.0	London	Fiji Island	General	731	4,718	3,359
Steel Engineer	4	15.40	5	8.09	5	15.33	5	16.43	American	United States Steel Products Co.	441.0	58.0	26.5	Baltimore	Seattle	General	8,583	7,611	5,450
Nebraska	4	20.09	5	8.48	5	16.33	5	17.35	British	Royal Mail Steam Packet Co	450.0	58.0	18.10	London	Seattle	Ballast	.....	8,878	6,588
Florence Luckenbach	5	6.00	5	9.25	5	17.15	5	18.10	American	Luckenbach Line	401.8	52.0	25.6	New Orleans	Los Angeles	General	6,900	6,002	4,621

[1] Motor ship.

[2] Subchaser.

William G. Warden	4	22.50	5	12.35	5	19.38	5	20.50	American	Standard Oil Co	500.0	68.0	19.9	New York	Los Angeles	Ballast		10,503	8,409
Pioneer[3]	5	15.12	6	6.05	6	13.20			American	U. S. Government	187.0	35.0	12.2	Norfolk	San Diego				
Capetown[4]	6	6.00	6	7.27	6	14.57	7	14.19	British	British Government	451.0	43.0	16.0	Bermuda	La Libertad				
Bratsberg	5	22.20	6	8.45	6	16.28	6	17.25	Norwegian	Aktieselskabet Borgestad	345.0	49.6	15.0	New Orleans	Yokohama	Rosin	510	4,263	3,042
Mariner[5]	5	21.30	6	9.30	6	18.05			American	L. A. Norris Co	93.0	23.8	14.0	Gloucester	Tahiti	Ballast		95	44
Peursum	5	19.45	6	10.44	6	17.10	7	13.43	Dutch	Vinke & Co	281.0	40.0	15.8	Amsterdam	Talcahuano	General	950	2,713	1,867
Cayuca No.2072	5		6		6	9.21			Panaman	A. Sardie				Cristobal	Gatun Lake	Unknown		3	3
Bermuda	6	13.55	7	6.15	7	14.02	7	15.10	British	H. M. H. Namazee	469.4	56.2	18.5	New York	Hongkong	Ballast		9,044	6,928
Mystic	6	16.10	7	7.20	7	14.27	7	15.27	American	United American Lines	400.7	54.2	19.9	New Orleans	Los Angeles	General	4,524	6,623	4,625
Tainui	7	0.23	7	8.40	7	15.35	8	0.50	British	Shaw, Saville & Albion Co	477.8	61.1	26.5	London	Wellington	General	6,660	10,631	7,606
Adrien Badin[5]	6	21.22	7	12.35	8	13.42			French	Compagnie Navale del Oceanie	297.0	44.0	19.0	Dunkirk	New Calidonia	Coke	1,228		

[3] Survey ship. [4] Cruiser. [5] Motor schooner.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Balboa[1]	9-28	23.15	1	7.11	1	15.38	1	17.45	Swedish	Johnson Line	427.0	56.2	27.6	Tacoma	Stockholm	General	7,475	7,480	5,533
Paita	1	7.00	1	8.19	1	17.00	1	22.11	Peruvian	Peruvian Line	380.0	48.2	27.3	Callao	Liverpool	Sugar	5,683	4,867	3,544
El Oso	9-30	14.00	1	10.00	1	17.30	2	7.58	British	Lobitos Oil Fields, Ltd	440.5	57.5	26.0	San Pedro	Tampico	Ballast		7,478	4,964
Tenpaisan Maru	1	16.15	2	7.07	2	14.00	2	17.30	Japanese	Northern Grain Warehouse Co	380.6	53.6	25.5	Portland	Colon[8]	Wheat	6,598	5,554	3,614
Acajutla	1	20.40	2	8.08	2	14.48			British	Pacific Steam Navigation Co	215.7	33.5	13.5	San Jose	Cristobal	General	225	1,273	706
Eastern Knight	1	23.20	2	8.28	2	16.40	2	19.20	American	Barber Line	415.1	58.7	25.6	Yokohama	Philadelphia	General	9,998	7,643	5,657
Swifstar	2	4.00	2	9.32	2	17.48	2	17.48	American	C. O. Mallory	465.0	61.0	27.6	Wellington	Fall River	Oil	10,132	8,473	6,050
Minnesotan	2	11.00	2	11.43	2	18.49	2	18.49	American	United American Lines	408.0	53.7	27.0	Seattle	New York	General	7,300	7,150	4,913
Mississippi	2	20.00	3	8.16	3	16.11	3	19.50	French	French Line	410.0	52.4	27.0	San Francisco	Bordeaux	General	7,000	6,942	5,001
Rotarian	3	8.30	3	9.25	3	16.51	4	0.53	American	Wessel, Duval & Co	380.3	53.1	23.8	Antofagasta	New York	Nitrate	6,394	5,660	4,174
Colombia	2	19.48	3	12.43	3	19.45	5	0.15	American	Pacific Mail Steamship Co	380.0	48.7	21.9	San Francisco	Baltimore	General	2,514	6,015	4,281
Tong King[1]	3	12.44	3	13.20	3	20.51	3	22.25	Danish	East Asiatic Co	410.0	55.2	26.5	San Francisco	Antwerp	Grain, general	8,100	7,013	5,317
Centurion	3	17.15	4	7.03	4	14.35	4	16.55	British	T. J. Harrison	400.5	52.0	24.6	Vancouver	Liverpool	General	6,300	5,738	4,161
City of Rangoon	4	2.15	4	7.59	4	15.45	4	18.45	British	Ellerman & Bucknell	443.0	55.0	28.0	Vancouver	Leith	General	9,115	7,940	6,061
Tokufuku Maru	3	0.15	4	9.47	4	17.12	4	17.55	Japanese	Kokusai Kisen Kaisha	385.0	51.4	27.0	Portland	Cristobal[8]	Wheat	7,650	5,950	4,460
Anniston City	4	5.00	4	11.55	4	19.17	4	19.18	American	Isthmian Steamship Co	424.2	56.2	27.0	Portland	Liverpool	General	7,890	7,611	5,450
Jacob Luckenbach	5	11.15	5	7.14	5	13.51	5	13.51	American	Luckenbach Line	414.5	56.7	27.0	Portland	New Orleans	General	5,821	7,315	5,270
No. 285[2]	5	12.10	5	13.40	5	19.08			American	U. S. Navy	110.0	16.0		Pearl Islands	Cristobal				
Albert Jeffress	5	15.00	6	6.56	6	14.00	6	14.00	American	Garland Steamship Co	384.8	51.2	22.0	San Francisco	New York	General	7,000	6,346	4,453
Canadian Planter	5	15.00	6	7.53	6	15.00	6	15.00	British	Canadian Government	400.3	53.0	20.0	Brisbane	Montreal	General	2,680	5,842	4,092
Birmingham[6]			6	9.10	6	15.50	7	9.25	American	U. S. Navy	420.0	47.0	19.0	Balboa	New Orleans				
Julia Luckenbach	5	17.00	6	9.30	6	17.00	6	17.00	American	Luckenbach Line	437.0	57.0	28.0	Portland	Boston	General, lumber	8,000	8,543	6,402
Huftero	5	18.00	6	11.15	6	18.47	6	18.47	Norwegian	Henrick Ostervold	380.3	52.1	21.11	Vancouver	New York	Lumber, shingles	3,500	5,517	3,937
Patuxent[1]			6	11.22	6	18.42			American	U. S. Navy	156.0	24.0		Balboa	Cristobal				
Benjamin Brewster	5	24.00	6	11.41	6	19.03	6	19.51	American	International Petroleum Co	411.6	53.2	25.0	Talara	Havana	Ballast		6,177	4,244
Ruysdale	5	22.00	6	12.30	6	20.34	6	20.34	British	F. Bolton & Co	402.0	51.0	23.0	Caleta Buena	Alexandria	Nitrate	6,800	5,197	3,734

[6] Cruiser. [7] Tug. [8] For orders.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship	Arrived at port.		Entere Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kennecott	5	11.15	6	13.48	6	21.37	6	21.37	American	Williams Steamship Co	345.0	49.6	22.0	Seattle	New York	General, lumber	4,419	4,593	3,381
Orcoma	7	3.00	7	7.58	7	15.19	7	19.19	British	Pacific Steam Navigation Co	511.6	62.2	27.0	Coronel	Liverpool	General	6,028	12,267	7,942
Taketoyo Maru	7	7.30	7	8.52	7	16.02	7	18.40	Japanese	Nippon Yusen Kaisha	445.0	58.0	24.0	Kobe	Liverpool	Salmon	7,971	7,596	5,456
Steel Maker	7	8.00	7	9.54	7	17.12	7	17.12	American	Isthmian Steamship Lines	395.0	55.0	23.10	Everett	Baltimore	Lumber	6,500	7,285	5,256
Santa Malta	7	9.55	7	10.35	7	18.15	7	18.15	American	Pacific Mail Steamship Co	404.6	53.9	28.2	Puget Sound	New York	General	7,000	6,766	4,809
West Jappa	7	9.32	7	11.25	7	19.18	7	19.55	American	Swayne & Hoyt	410.5	54.2	17.0	Portland	Buenos Aires	General	2,300	6,755	4,873

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Oct. 1	Atenas	United Fruit Co	New Orleans via Habana.
Oct. 1	Pastores	United Fruit Co	Port Limon.
Oct. 2	Heredia	United Fruit Co	New Orleans.
Oct. 3	Ulua	United Fruit Co	New York via Habana.
Oct. 3	San Benito	United Fruit Co	Boston via Habana.
Oct. 3	Panama	Panama Railroad Steamship Line	New York via Haiti.
Oct. 4	St. Mihiel[9]	U. S. Army	New York.
Oct. 4	Cristobal	Panama Railroad Steamship Line	Norfolk.
Oct. 5	Sixaola	United Fruit Co	Colombian ports.
Oct. 5	Carrillo	United Fruit Co	New York via Kingston.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Oct. 1	Pastores	United Fruit Co	New York via Habana.
Oct. 2	Atenas	United Fruit Co	New Orleans via Bocas.
Oct. 2	Solana	Pacific Mail Steamship Co	Tampico.
Oct. 3	San Benito	United Fruit Co	Boston via Limon.
Oct. 4	Ulua	United Fruit Co	Port Limon.
Oct. 5	Heredia	United Fruit Co	New Orleans and way-ports.
Oct. 5	Sixaola	United Fruit Co	New York via Kingston.
Oct. 5	Carrillo	United Fruit Co	Colombian ports.
Oct. 7	St. Mihiel[9]	U. S. Army	New York via San Juan.

[9] Transport.

PORT OF BALBOA.

				Oct. 2	Sinaloa	A. O. Lindvig	San Francisco.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 14, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Advance	5	18.35	8	6.10	8	13.49	8	14.55	American	Panama Railroad Steamship Line	295.0	38.5	19.6	New York	Guayaquil	General	718	2,947	2,113
H. H. Asquith	7	21.09	8	7.37	8	14.41	8	15.49	British	Williams and Mordey	390.0	52.5	13.6	Baltimore	Tocopilla	Ballast		5,692	3,819
Sylvan Arrow	8	0.08	8	8.45	8	16.00	8	17.23	American	Standard Transportation Co	467.0	62.7	27.0	Beaumont	Shanghai	Oil	11,400	9,931	7,095
Vindeggen	8	7.00	8	9.35	8	16.45	8	17.55	Norwegian	Jens Folkmans	330.8	46.0	17.0	New York	Antofagasta	General	2,000	3,517	2,268
Pear Branch	8	6.15	8	10.45	8	17.26	8	18.20	British	F. and W. Ritson	398.6	53.8	23.2	Liverpool	Valparaiso	General	5,496	5,760	3,866
Woodfield	8	8.35	8	11.05	8	18.31	8	19.45	British	Woodfield Steamship Co	400.0	53.0	22.9	New York	Manila, P. I.	General	5,993	5,798	4,118
Ecuador	8	0.50	8	12.45	8	19.20	9	0.35	American	Pacific Mail Steamship Co	380.0	48.7	23.2	New York	San Francisco	General	2,569	5,926	4,178
G. Harrison Smith	8	14.05	9	6.20	9	14.48	9	17.36	British	International Petroleum Co	550.6	72.0	21.0	New York	Cruz Grande	Ballast		15,476	11,102
Port Denison	9	2.47	9	7.28	9	14.58	9	16.53	British	Commonwealth & Dom. Line	480.0	60.0	23.0	London	Wellington	General	4,300	10,595	8,028
Willfaro	9	6.05	9	8.40	9	16.43	9	18.05	American	Williams Steamship Co	386.8	52.2	23.6	New York	Seattle	General, steel	5,625	5,680	4,162
O-14[1]			9	9.00	9	16.36			American	U. S. Navy				Cristobal	Balboa				
Patrick Henry	9	9.25	9	9.30	9	17.26	9	23.40	American	Tampa Interocean S.S. Co. (S. B.)	439.6	60.2	19.0	New Orleans	Manila, P. I.	Gen., oil. cotton.	4,178	8,987	6,612
Wm. A. McKenny	9	3.15	9	10.20	9	18.21	9	19.30	American	Crowell & Thurlow	395.0	55.1	23.2	New York	Seattle	General	4,350¼	6,532	4,528
Panaman	9	5.47	9	11.45	9	19.02	9	19.30	American	American-Hawaiian Line	407.7	53.0	23.0	Philadelphia	Tacoma	General	5,195	7,098	5,029
Discover[2]	8	21.59	9	13.05	9	19.40	12	19.04	American	U. S. Government	180.0	34.0	12.8	Norfolk	San Diego				
Denver[3]	9	10.12	10	6.25	10	13.39			American	U. S. Navy	292.0	44.0	17.6	Guantanamo	Balboa				
Phyllis[4]	7	11.05	10	7.00	10	16.48	10	19.00	American	Pen Transit Navigation Co	278.0	41.9	22.0	Pensacola	Honolulu	Cast iron pipe	3,092	2,295	2,130
F. J. Luckenbach	10	1.55	10	8.37	10	17.17	10	18.15	American	Luckenbach Line	446.0	56.0	26.0	New York	Seattle	General	5,500	8,508	6,179
Radix	10	7.20	10	9.10	10	18.07	10	19.39	British	Anglo-Saxon Petroleum Co	412.0	56.0	20.0	Curacao	Los Angeles	Ballast		7,428	5,277
Durban Maru	10	12.32	10	12.55	10	19.43	10	21.05	Japanese	Nippon Yusen Kaisha	420.0	56.0	28.0	New York	Itosaki	Petroleum	8,461	7,445	5,345
John D. Archbold	10	14.58	11	6.27	11	13.51	11	15.15	American	Standard Oil Co	570.0	75.3	24.0	New York	Los Angeles	Ballast		14,785	10,313
Jason	10	12.05	11	7.30	11	14.41	11	23.15	Dutch	Royal Netherlands W. I. Mail	346.7	48.3	15.6	Hamburg	Guayaquil	General	1,464	4,321	3,120
Cardiganshire	10	2.29	11	11.48	11	18.47	11	20.17	British	Royal Mail Steam Packet Co	500.0	62.0	21.7	Hamburg	Vancouver	General, glass	2,318	11,420	8,385
Nitro[5]	11	16.00	12	6.38	12	13.45	14	13.20	American	U. S. Navy	459.8	61.6	22.2	Norfolk	San Diego	Naval stores	2,800		
Cowanshannock	11	19.15	12	7.40	12	15.33	12	16.50	American	Bethlehem Shipbuilding Corp	253.0	43.0	23.5	Philadelphia	San Francisco	General	2,575	2,936	1,729
Santa Ana	11	18.45	12	8.10	12	14.48	12	17.18	American	Grace Line	360.2	51.6	22.7	New York	Salaverry	General	1,679	5,776	4,081
Indian City	12	6.55	12	9.00	12	16.14	12	17.37	British	St. Just Steamship Co	411.3	54.5	27.0	Cardiff	San Francisco	Coal	8,599	6,512	4,665
Datchet	12	7.40	12	9.25	12	16.59	12	18.30	British	Watts, Watts & Co	323.0	47.2	18.0	Newport News	Tocopilla	Ballast		3,418	2,442
Urubamba	8	22.20	12	10.45	12	17.19	12	20.01	Peruvian	Peruvian Line	381.2	46.1	18.10	Cristobal	Callao	General	456	4,803	2,951
Aysen	9	13.50	12	11.20	12	18.04	12	19.04	Chilean	Chilean Line	379.6	44.3	21.1	Cristobal	Valparaiso	General	553	4,535	3,068
Orita	11	15.21	12	11.54	12	18.41	12	20.53	British	Pacific Steam Navigation Co	485.4	52.2	23.6	Liverpool	Valparaiso	General	1,223	9,936	6,561
Acajutla	2	14.45	12	13.03	12	19.22	13	11.30	British	Pacific Steam Navigation Co	215.7	33.5	15.3	Cristobal	Champerico	General	822	1,273	706
Patrician[6]	12	13.40	12	13.45	12	19.00	13	20.33	British	Canadian Government	270.0	27.0	10.6	Halifax	Vancouver				

[1] Submarine. [2] Coast Guard cutter. [3] Cruiser. [4] Bark. [5] Supply ship. [6] Destroyer.

Chertsey	12	16.00	13	6.24	13	13.52	13	15.17	British	Watts, Watts & Co	355.1	45.0	14.0	Sears Port	Tocopilla	Ballast		4,009	2,948
El Cicuta	12	16.13	13	6.30	13	14.27	....	....	American	Los Angeles D. D. S. B. Co	253.0	43.5	24.8	Galveston	San Francisco	Sulphur, mach.	3,302	2,676	1,490
Santa Rosa	12	22.50	13	7.30	13	15.37	13	16.50	American	Grace Line	404.6	54.0	15.0	New York	Taltal	Ballast		6,754	4,780
Terrier	13	4.30	13	8.35	13	16.50	13	18.20	Norwegian	W. Wilhelmsen	400.0	52.0	17.0	Charleston	Antofagasta	Machinery	386	5,639	4,161
San Tiburcio	14	7.57	14	8.22	14	16.51	14	17.55	British	Eagle Oil Transportation Co	413.0	53.4	25.0	Tampico	Valparaiso	Kerosene, naph'a	7,536	6,272	4,343
Pennsylvanian	14	9.15	14	12.35	14	19.18	14	20.20	American	American-Hawaiian Line	407.7	53.7	22.8	Hamburg	Los Angeles	General	5,000	7,107	4,916

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Murla	7	22.00	8	7.50	8	15.00	8	16.37	German	Roland Line	269.0	42.0	13.0	Punta Arenas	Hamburg	Wood	425	2,188	1,361
Ardmore	8	0.30	8	8.42	8	16.49	8	16.49	American	Standard Oil Co	449.5	59.6	26.5	Talara	New York	Oil	10,601	8,612	6,457
Ansgir	8	10.45	8	12.30	8	20.30	8	21.10	German	Roland Line	393.0	54.0	25.0	Manta	Hamburg	General	6,675	6,542	4,532
Eastern Moon	8	12.20	8	13.16	8	21.45	8	21.46	American	U. S. & Australia Line	384.8	51.2	27.0	Mejillones	New Orleans	Nitrate	7,528	5,904	4,321
Urubamba	8	4.50	8	14.45	8	22.20	12	10.45	Peruvian	Peruvian Line	381.2	41.1	19.6	Callao	Cristobal	General	1,586	4,803	2,951
Aysen	8	17.00	9	7.07	9	13.50	12	11.20	Chilean	Chilean Line	379.6	44.3	18.0	Talcahuano	Cristobal	General	860	4,535	3,068
Redondo	8	17.15	9	7.34	9	15.16	9	19.00	American	Susquehanna Steamship Co	341.0	48.2	21.9	Aberdeen	New York	Lumber, shingles	3,445	4,419	3,230
Mexican	9	6.10	9	8.49	9	18.35	9	23.25	American	United American Lines	472.3	57.2	31.0	Seattle	Liverpool	General	10,634	9,258	6,789
Kinghorn	9	6.00	9	10.05	9	18.16	10	7.45	Norwegian	Britannia Steamship Co	411.6	55.5	23.0	Shanghai	Colon [7]	General	8,000	6,566	4,612
Kronborg	9	11.05	9	11.39	9	20.35	9	22.05	Danish	C. K. Hansen	330.0	42.0	23.0	Mejillones	Colon [7]	Nitrate	5,400	3,722	2,653
Laura C. Hall	9	3.00	9	12.04	9	20.05	....	....	British	Pacific Metals Corp	81.0	26.6	10.0	Buenaventura	Cristobal	General	65	132	72
Baltimore Maru	9	13.00	9	13.50	9	22.00	10	13.10	Japanese	Kabushiki Kaisha	450.0	53.0	28.0	Portland	Cork	Wheat	8,250	7,025	5,055
Twickenham	9	8.00	10	7.56	10	15.25	10	17.55	British	Watts, Watts & Co	390.0	52.0	23.2	Iquique	United King'm	Nitrate	7,300	5,432	3,790
Kristianafjord	10	9.00	10	9.41	10	18.05	10	22.20	Norwegian	Norwegian-American Line	421.7	55.8	26.6	San Francisco	Hull	General	7,812	7,349	5,181
Petersham	10	13.50	10	14.46	10	23.05	11	12.15	British	Watts, Watts & Co	344.6	49.8	23.0	Pisagua	Gibraltar	Nitrate	5,970	4,139	3,051
Anten	10	22.00	11	11.26	11	19.08	11	19.08	Swedish	Swedish Transatlantic Co	420.0	54.0	28.0	Portland	Dublin	Wheat, general	9,460	7,059	5,226
Steel Exporter	11	11.30	11	12.25	11	20.11	11	20.11	American	U. S. Steel Products Co	424.2	56.2	25.6	Seattle	Boston	General	6,680	7,611	5,450
Maple Branch	11	20.00	12	7.54	12	15.45	12	17.40	British	F. and W. Ritson	400.0	52.0	24.9	Taltal	Liverpool	General, nitrate	7,032	5,618	4,116
Tofuku Maru	12	6.30	12	9.01	12	16.34	12	16.34	Japanese	Kawasaki Kabushiki	385.0	51.0	26.6	Portland	Algiers	Wheat	7,506	5,919	4,400
Blue Triangle	12	10.40	12	11.31	12	19.17	12	19.17	American	N. Atlantic & Western S. S. Co	390.0	54.2	25.0	Seattle	Philadelphia	General, lumber	5,965	6,609	4,317
Amalienborg	12	11.25	12	12.31	12	21.00	12	22.35	Danish	C. K. Hansen	320.3	47.2	21.0	Iquique	Baltimore	Nitrate	4,600	3,567	2,460
Norman Monarch	12	15.55	13	6.51	13	14.13	13	14.13	British	Kinsley Steamship Co	400.6	52.0	24.3	Mejillones	San Juan	Nitrate	7,750	5,568	4,146
Alvarado	13	10.00	13	11.50	13	18.56	14	16.30	British	Pacific Steam Navigation Co	303.0	43.0	17.10	Guayaquil	New York	Cocoa, coffee	1,570	2,843	1,748
Eten	13	19.00	14	7.00	14	15.00	15	6.22	Peruvian	Peruvian Line	435.0	53.2	25.8	Callao	Greenock	General	6,538	....	....
Marore	13	22.00	14	7.50	14	19.35	15	2.10	American	Ore Steamship Corp	550.3	72.2	32.6	Cruz Grande	New York	Iron ore	20,000	15,551	4,297
Balboa	14	5.00	14	8.59	14	17.15	....	....	American	Stone & Yard	190.0	29.1	15.0	Esmeraldas	Cristobal	General	570	737	335
O-16 [1]	....	....	14	9.07	14	17.05	....	....	American	U. S. Navy	175.0	16.4	....	Balboa	Cristobal	....	....	....	....
Orient City	14	8.00	14	10.00	14	18.07	14	20.05	British	St. Just Steamship Co	396.5	53.5	24.0	Portland	Falmouth [7]	Wheat	7,700	5,683	4,229

[7] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 130, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 21, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Garfield	14	11.00	15	6.15	15	13.44	15	21.31	American	Grace Line	299.4	45.0	19.7	New York	Salaverry	General	2,124	3,228	2,010
Munaires	15	6.37	15	7.40	15	14.25	15	15.20	American	Munson Line	370.0	53.1	18.6	Baltimore	Seattle	General	2,500	5,577	4,225
Ebro	14	17.42	15	9.20	15	15.57	15	17.10	British	Pacific Steam Navigation Co.	450.0	58.0	24.7	New York	Valparaiso	General	1,043	9,151	6,227
Lorenzo	15	9.10	15	11.50	15	18.13	15	21.25	British	Ellerman & Bucknell	470.5	62.1	23.11	New York	Brisbane	General	11,000	8,571	6,087
Orleans	15	8.50	15	12.00	15	19.03	15	20.07	American	Oriental Navigation Co.	395.5	55.0	20.11	New York	Los Angeles	General	5,200	7,330	5,233
Matakana	15	12.40	15	12.45	15	20.13	15	21.18	British	Shaw, Savill & Albion	477.5	63.0	27.1	Liverpool	Auckland	General	6,660	11,047	7,822
Patuxent [1]	9-25	16.53	15	12.25	16	14.36	....	....	American	U. S. Army	156.0	24.0	....	Cristobal	Balboa	(4)	....	....	....
Mariposa [2]	15	....	15	....	15	14.25	....	....	American	W. E. Porter	....	....	....	Cristobal	Balboa	Ballast	....	4	4
Benjamin Brewster	15	14.28	16	6.15	16	13.50	16	14.50	American	Standard Oil Co.	412.0	53.0	23.9	Habana	Talara	Ballast	....	6,177	4,244
Oregon Maru	15	15.45	16	7.30	16	15.34	17	12.30	Japanese	Kawasaki Dockyard Co.	385.0	51.0	25.0	Immingham	Iquique	Briquettes	6,302	6,251	4,700
Howick Hall	15	17.47	16	7.55	16	16.27	16	17.25	American	U. S. Steel Products Co.	400.8	51.5	25.0	New York	Vancouver	General, steel	5,900	6,095	4,381
West Notus	15	23.00	16	8.45	16	17.14	16	18.25	American	Swayne & Hoyt (S. B.)	410.5	54.3	21.0	Buenos Aires	San Francisco	General	5,477	6,583	4,914
Wray Castle	16	10.03	16	10.25	16	18.33	16	20.02	British	Lancashire Shipping Co.	419.2	55.8	24.0	Philadelphia	Yokohama	General, case oil	6,800	6,861	5,016
Santa Paula	15	12.27	16	12.33	16	18.50	17	15.18	American	Grace Line	404.6	53.0	19.5	New York	Seattle	General	4,048	6,744	4,825
Ocean Prince	16	3.55	16	12.44	16	20.11	16	21.07	British	Prince Line, Ltd.	410.0	52.0	24.8	Antwerp	San Francisco	General	5,860	5,926	4,252
Balboa	14	17.15	17	6.15	17	13.33	17	15.00	American	Colombian Maritime Co.	190.0	29.0	11.0	Cristobal	Buenaventura	General	69	737	335
Gymeric	17	18.10	18	6.22	18	14.11	18	15.30	British	Andrew Weir & Co.	420.3	54.0	19.10	London	San Francisco	Ballast	....	6,501	4,459
Montana	18	4.07	18	7.35	18	14.58	18	16.00	American	Atlantic Transport Co.	419.5	56.0	26.0	Philadelphia	Los Angeles	General	6,924	8,696	6,315
Laura C. Hall [3]	9	20.05	18	9.14	18	15.48	20	20.21	British	Pacific Metals Corp.	81.0	25.6	9.0	Cristobal	Buenaventura	General	10	132	72
Diadem	18	16.41	19	6.26	19	13.55	19	15.10	British	Hall Brothers S. S. Co., Ltd.	390.0	54.0	23.6	Newcastle-on-Tyne	Callao	Coal and coke	5,520	5,918	4,142
Canadian Challenger	18	7.00	19	7.25	19	14.43	19	15.48	British	Canadian Govt. Merchant Marine	400.0	52.0	21.2	Sydney	Brisbane	General	4,000	6,142	4,354
Frank Lynch	18	18.57	19	8.00	19	16.20	19	17.45	American	W. J. Gray, Jr.	252.0	43.5	15.1	New York	San Francisco	Ballast	....	2,182	1,325
Isis	18	20.49	19	8.10	19	15.22	19	18.15	German	Kosmos Line	376.0	51.6	22.0	Hamburg	Corral	General	5,052	5,788	4,027
City of Pittsburgh	19	0.28	19	8.55	19	16.45	19	17.50	British	Ellerman Lines	465.0	58.0	24.0	New York	Shanghai	General	6,454	9,660	7,415
Bethore	19	2.55	19	9.15	19	17.45	19	18.45	American	Ore Steamship Co.	550.0	72.0	23.0	Baltimore	Cruz Grande	Ballast	....	15,476	11,102
Muroran Maru	19	8.25	19	10.27	19	18.37	19	19.55	Japanese	Nippon Yusen Kaisha	400.0	54.0	21.6	New York	Yokohama	Lubri. oil, gen.	4,919	5,926	4,196
Robin Gray	19	4.25	19	11.30	19	19.35	19	20.40	American	Robin Line	425.0	55.0	28.6	Baltimore	Los Angeles	General	9,467	7,472	5,542
Huallaga	16	22.35	19	12.30	19	19.43	19	20.48	Peruvian	Peruvian Line	360.0	44.7	20.6	Cristobal	Guayaquil	General	218	4,514	2,386
Laurel Branch	19	12.35	19	12.40	19	20.25	19	21.30	British	F. and W. Ritson	360.0	46.0	19.0	London	Guayaquil	General	2,500	4,182	3,047
Amsterdam	18	15.31	19	13.17	19	21.15	19	22.20	Dutch	Royal Netherlands W. I. Mail	474.4	65.6	22.6	Amsterdam	Chile	General	4,070	11,647	8,217
Breckenridge [2]	....	....	18	....	18	....	....	....	American	U. S. Army	....	....	....	Cristobal	Miraflores	(5)	....	....	....
Andrea F. Luckenbach	19	20.20	20	6.45	20	13.45	20	14.49	American	Luckenbach Line	496.0	68.2	23.0	New York	Los Angeles	General	7,066	11,487	8,762
San Lamberto	19	7.10	20	7.35	20	15.34	20	16.50	British	Eagle Oil Transport Co.	395.6	55.0	28.3	Amsterdam	Los Angeles	Creosote	8,523	6,741	4,325

[1] Tug. [2] Launch. [3] Motor schooner. [4] Towing raft. [5] Towing launch *Conroy*.

O-13[6]			20	7.38	20	14.19			American	U. S. Navy	175.0	16.3		Cristobal	Balboa					
Edgemoor[7]	18	23.34	20	8.03	20	16.25	20	17.32	American	U. S. Army	409.6	54.2	21.7	New York	San Francisco	Army supplies	3,748			
Independence	20	8.55	20	9.05	20	17.20	21	19.45	American	Barber Line (S. B.)	440.0	56.0	25.0	New York	Yokohama	General	6,785	8,290	6,063
Brush	20	9.20	20	9.25	20	18.01	22	19.20	American	N. Atlantic & Western S. S. Co.	390.0	54.2	22.0	New York	Seattle	General	4,000	6,209	4,317
Agwistar	19	23.52	20	10.25	20	18.46	20	19.39	American	New York & Cuba Mail S. S. Co	370.0	53.1	22.0	Baltimore	Portland	General	5,626	5,523	4,203
Steel Mariner	20	12.35	20	12.45	20	19.40	20	20.50	American	U. S. Steel Products Co	424.0	56.0	25.0	Galveston	Los Angeles	General	7,625	7,539	5,448
Montrolite	20	15.06	21	6.25	21	13.41	21	14.18	British	Imperial Oil Co	421.0	57.3	15.6	Montreal	Talara	Ballast		7,378	5,154
Matoppo	20	15.45	21	7.40	21	14.50	21	16.00	British	Ellerman & Bucknell	400.5	52.5	23.0	New York	Sydney	General	4,599	5,853	4,285
Manavi	19	4.05	21	8.11	21	15.21	21	20.14	British	Pacific Steam Navigation Co	216.0	35.1	14.6	Pto. Colombia	Guayaquil	General, salt	736	1,357	884
Lobos[8]	20	4.30	21	8.47	21	16.32	21	18.00	British	Pacific Steam Navigation Co	405.0	54.2	20.3	Hull	Valparaiso	General	5,786	7,151	4,756
Clan Mac-Brayne	20	17.58	21	9.35	21	17.23	21	18.25	British	Clan Line Steamship Co., Ltd.	390.0	50.5	25.0	Port Arthur	Hongkong	Case oil, gasoline	5,950	5,330	3,684
Sithonia	21	6.26	21	10.25	21	18.03	21	18.33	British	H. M. Thomson	420.0	56.0	25.10	New York	Yokohama	Case oil	7,530	6,753	4,823
Craster Hall	21	6.35	21	10.35	21	18.48	21	19.20	American	U. S. Steel Products Co	380.0	50.0	24.6	New York	Buenaventura	General	5,900	4,945	3,508
Montecillo	21	10.15	21	11.55	21	19.36	21	20.15	Spanish	General Navigation Co	330.0	48.0	12.6	Las Palmas	Caleta Grande	Ballast			

[6] Submarine. [7] Transport. [8] Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Delaware	14	20.00	15	6.50	15	16.40	16	5.35	British	Anglo-American Oil Co	345.0	44.3	26.0	San Francisco	London	Oil	4,909	3,968	2,512
South American	15	6.00	15	8.00	15	16.00	15	19.25	British	American Metals Trans. Co	251.0	43.6	15.9	Callao	New York	General	2,000	2,444	1,593
Hague Maru	15	7.40	15	8.29	15	16.24	15	19.45	Japanese	Osaka Shosen Kaisha	407.0	51.0	18.6	Yokohama	New York	General	5,063	6,202	4,507
Stathis	15	9.15	15	10.05	15	17.40	15	19.05	British	Glover Brothers	400.0	52.2	24.0	Portland	Colon[9]	Wheat	7,267	6,053	4,542
Sunbeam	15	11.00	15	14.08	15	21.28	15	21.28	American	Sun Company	429.3	59.0	27.0	Los Angeles	Chester, Pa.	Oil	10,752	7,701	5,472
Birk	15	17.00	16	7.00	16	15.24	16	16.15	Norwegian	A. S. Odfjell	359.8	52.1	23.10	Iquique	Colon[9]	Nitrate	6,935	4,751	3,160
Lady Charlotte	15	19.30	16	8.19	16	16.07	16	16.07	British	Andrew Weir & Co	375.2	52.0	23.0	Caleta Buena	Alexandria	Nitrate	6,948	5,139	3,671
Texan	15	23.30	16	9.05	16	16.35	16	16.35	American	United American Lines	471.0	57.6	27.6	Seattle	Boston	General	9,244	9,154	6,970
Alaska	16	1.10	16	9.51	16	17.08	16	19.50	French	French Line	442.8	55.0	26.6	Portland	Ostend	General	7,299	6,990	4,854
Santa Lusia	16	6.00	16	11.06	16	17.54	16	23.20	American	Grace Line	362.0	51.6	23.4	Talcahuano	New York	General	4,007	5,694	3,975
Iwatesan Maru	16	7.00	16	11.20	16	19.20	16	19.22	Japanese	Mitsui Bussan Kaisha	385.0	51.0	35.6	Portland	Europe	Wheat	7,199	5,889	4,229
Duendes	16	6.00	16	12.31	16	20.25	16	21.42	British	Royal Mail Steam Packet Co	390.0	50.0	24.5	Corral	Liverpool	General	5,759	6,006	4,287
Huallaga	16	5.00	16	14.08	16	21.35	19	12.30	Peruvian	Peruvian Line	360.0	44.7	19.0	Ilo	Cristobal	General	884	4,514	2,386
Robert Luckenbach	16	12.30	16	14.54	16	23.00	16	22.25	American	Luckenbach Line	445.0	58.0	25.0	Portland	New York	General	8,970	8,617	6,297
Usuri Maru	16	13.30	16	15.12	16	23.31	17	15.57	Japanese	Nohon Kishen Kaisha	407.0	51.0	23.3	Portland	London	Lumber	5,260	6,191	4,492
Ravnanger	17	6.30	17	8.19	17	15.48	17	17.20	Norwegian	Munson Line	335.6	48.2	19.2	Vancouver	Poughkeepsie	Lumber	3,280	3,664	2,471
Luise Nielsen	17	6.35	17	8.48	17	17.30	18	3.15	Norwegian	Asiatic-American S. S. Co	409.6	54.0	24.6	Portland	Civita Vecchia	Wheat	7,699	6,618	5,050
Monteagle	17	9.30	17	10.48	17	18.20	17	20.30	British	Canadian Pacific Steamship Co.	445.0	52.0	22.3	Vancouver	Montreal	Lumber	3,700	7,833	5,433
Aymeric	17	15.00	18	6.57	18	15.05	19	22.25	British	Andrew Weir & Co	400.3	52.0	24.6	Iquique	Alexandria	Nitrate	7,586	6,076	4,395
Hermes	17	15.45	18	7.54	18	16.15	19	10.57	Dutch	Royal Netherlands W. I. Mail	363.0	46.1	19.6	Valparaiso	Amsterdam	Nitrate, general	3,832	4,182	3,059
Santore	17	17.30	18	8.33	18	17.10	19	2.45	American	Ore Steamship Co	449.1	57.2	29.0	Cruz Grande	Sparrows' Pt.	Iron ore	11,800	7,807	5,139
Victoria Maru	17	19.00	18	9.34	18	18.35	19	4.25	Japanese	Kabushiki Kaisha	385.0	51.0	27.6	Portland	Naples	Wheat	7,700	6,250	4,700
Santa Veronica	18	4.00	18	10.42	18	18.08	19	13.45	American	Isthmian Steamship Line	251.0	43.6	22.4	Grays Harbor	Baltimore	Copper, lumber	3,327	2,823	1,740
Essequibo	18	11.45	18	12.52	18	19.19	19	3.35	British	Pacific Steam Navigation Co	450.0	58.0	25.0	Valparaiso	New York	General	3,829	9,009	6,117
Handicap	18	12.45	18	13.25	18	22.00	19	10.35	Norwegian	Struus & Co	415.0	54.7	25.8	San Francisco	Gibraltar[9]	Barley	8,246	7,296	5,445
Bogota	18	13.20	18	14.45	18	23.30	19	13.10	American	Pacific Steam Navigation Co	400.0	52.4	23.0	Valparaiso	Liverpool	General	5,677	5,733	4,015
Kentuckian	18	14.00	18	14.50	19	0.10	19	0.10	American	United American Lines	414.5	53.7	38.0	Seattle	Baltimore	General	9,057	7,049	4,941

[9] For orders.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
A. L. Kent	18	17.00	19	6.59	19	15.17	19	15.17	American	Crowell & Thurlow	394.1	55.1	26.0	San Francisco	Boston	General, lumber	8,200	7,046	5,030
Steel Worker	19	6.00	19	8.12	19	16.25	19	16.25	American	U. S. Steel Products Co	424.3	56.2	25.10	Vancouver	Boston	General, lumber	7,835	7,611	5,497
Patuxent	...	...	19	7.50	19	15.11	...	...	American	U. S. Navy	156.0	24.0	...	Balboa	Cristobal	...	...	...	...
Chatham	19	5.30	19	9.18	19	18.50	20	0.10	British	Watts, Watts & Co	341.3	46.7	22.0	Iquique	Malaga	Nitrate	5,500	3,986	2,888
Salvador	19	3.30	19	10.03	19	17.15	...	...	British	Pacific Steam Navigation Co	215.0	33.3	13.8	San Jose	Cristobal	General	156	1,213	692
Hanna Nielsen	19	6.15	19	10.42	19	18.55	19	23.35	Norwegian	S. Stolt Nielsen & Co	409.6	54.0	24.6	Portland	Cristobal[9]	Wheat	7,699	6,600	5,049
Ganymedes	19	7.00	19	11.32	19	19.50	20	19.37	Holland	Royal Netherlands W. I. Mail	363.0	48.0	20.0	Valparaiso	Amsterdam	General	3,600	4,214	3,123
Afrika	19	8.30	19	12.26	19	20.40	19	20.40	Danish	East Asiatic Co	445.8	60.3	29.3	Vancouver	Copenhagen	General	10,700	9,335	6,874
Santa Tecla	20	11.45	20	12.41	20	19.27	21	11.05	American	Grace Line	298.6	40.0	16.5	Salaverry	New York	General	1,431	2,832	1,803
Lord Ormonde	20	12.05	20	13.53	20	21.45	20	23.25	British	American Metals Trans. Co	360.0	46.0	25.0	Caldera	New York	Copper ore, gen.	6,150	4,563	3,406
Newport	20	11.30	21	7.35	21	14.23	...	...	American	Pacific Mail Steamship Co	326.0	38.2	15.6	San Francisco	Cristobal	General	196	3,173	2,163
Clydemede	20	17.00	21	7.58	21	16.20	21	17.50	British	D. and T. C. Adams	390.0	53.3	23.0	Antofagasta	Colon[9]	Nitrate	7,163	...	...
Palm Branch	20	19.00	21	8.34	21	17.35	21	21.38	British	Nautilus Steamship Co	371.0	45.0	24.0	Valparaiso	Liverpool	General	5,250	...	...
Venezuela	21	5.07	21	12.50	21	19.54	22	12.11	American	Pacific Mail Steamship Co	388.0	48.7	22.0	San Francisco	New York	General	2,500	6,033	4,353

[9] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Oct. 15	Turrialba	United Fruit Co	New Orleans via Habana.
Oct. 16	Atenas	United Fruit Co	New Orleans.
Oct. 18	Calamares	United Fruit Co	New York via Habana.
Oct. 18	Metapan	United Fruit Co	New York via Kingston.
Oct. 18	Tivives	United Fruit Co	Colombian ports.
Oct. 19	Turrialba	United Fruit Co	Bocas del Toro.
Oct. 21	San Blas	United Fruit Co	Boston via Habana and Port Limon.
Oct. 21	Shenandoah	The Texas Co	Port Arthur via Porto Lobos.
Oct. 20	Talamanca[10]	United Fruit Co	Colon.
...	...	...	...

*DEPARTURES.

Date.	Vessel.	Line.	For—
Oct. 15	Blue Hill	Lhote Steamship Co	Mobile.
Oct. 15	Adalia	Hamburg-American Line	Port Limon.
Oct. 16	Turrialba	United Fruit Co	Bocas del Toro.
Oct. 17	Atenas	United Fruit Co	New Orleans and wayports.
Oct. 19	Calamares	United Fruit Co	New York via wayports.
Oct. 19	Bolivar	Colombian Government	Cartagena.
Oct. 19	Tivives	United Fruit Co	New York and Jamaica.
Oct. 19	Metapan	United Fruit Co	Colombian ports.
Oct. 19	Turrialba	United Fruit Co	New Orleans.
Oct. 20	Colon	Panama Railroad Steamship Line	New York via Haiti.
Oct. 21	San Blas	United Fruit Co	Boston via Kingston.

[10] Motor schooner.

PORT OF BALBOA.

Oct. 15	Palena	Chilean Line	Talcahuano.	Oct. 18	Palena	Chilean Line	Valparaiso.
Oct. 17	Remus	A. O. Lindvig	San Antonio, Chile.	Oct. 20	Remus	A. O. Lindvig	San Francisco.
Oct. 19	Regulus	A. O. Lindvig	San Francisco.	Oct. 20	Regulus	A. O. Lindvig	San Antonio, Chile.

* Other than vessels passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, October 28, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Sabine Sun	21	14.05	22	6.15	22	13.31	22	14.53	American	Sun Co	429.3	59.2	19.0	Chester	Los Angeles	Ballast	.....	7,898	5,459
Trevarrack	21	10.35	22	7.15	22	14.22	22	15.25	British	Hain Steamship Co	400.0	52.0	25.3	Puerto Mexico	Auckland	General	6,500	5,801	4,076
Dakotan	22	1.30	22	8.15	22	15.31	22	16.33	American	American-Hawaiian Line	407.7	53.7	22.10	New York	Los Angeles	General	5,157	7,156	5,058
Argosy	22	4.18	22	10.25	22	16.54	22	17.50	American	Wessel Duval & Co. (S. B.)	390.0	54.0	18.2	New York	Paita	General	794	6,203	4,280
Saint Jean	21	22.17	22	11.14	22	17.41	22	18.45	French	French Line	415.0	50.3	16.0	Havre	Valparaiso	General	387	5,849	4,081
Talamanca [1]	20	.....	22	.....	22	8.19	.....	.....	American	United Fruit Co	.....	.....	.....	Cristobal	Gatun Lake	Ballast	.....	1	1
Tuscanstar	23	2.05	23	6.53	23	14.09	23	15.50	British	Blue Star Line, Ltd	420.0	54.0	20.1	Santiago	Vancouver	Sugar	3,100	7,365	5,867
Felix Taussig	23	4.27	23	7.38	23	14.54	23	15.55	American	Crowell & Thurlow	395.0	55.1	25.0	Boston	Seattle	General, steel	4,396	6,594	4,503
Cepolis	23	7.43	23	8.40	23	15.43	23	20.30	British	Anglo-Saxon Petroleum Co.	400.0	52.3	17.6	Lisbon	Los Angeles	Ballast	.....	6,035	3,917
Long Beach	23	7.35	23	9.35	23	16.38	23	18.35	American	Long Beach Steamship Corp	318.1	41.3	21.10	New Orleans	Seattle	General	2,993	3,195	2,085
Patuxent [2]	19	15.11	23	9.28	23	16.44	.....	.....	American	U. S. Navy	156.0	24.0	.....	Cristobal	Balboa	.....	.....	.....	.....
Raifuku Maru	23	6.50	23	10.30	23	17.32	23	18.35	Japanese	Kokusai Kisen Kaisha	385.0	51.0	25.3	New York	Yokohama	General, steel	4,821	5,933	4,559
Kewanee	23	7.38	23	11.15	23	18.15	23	17.38	American	Associated Oil Co	318.4	46.0	18.6	Mobile	San Francisco	Ballast	.....	3,660	2,268
Indiana	23	6.55	24	6.15	24	13.52	24	15.07	French	French Line	417.0	55.0	20.0	Havre	Vancouver	General	1,712	7,157	4,936
Chuky	24	6.37	24	7.40	24	15.25	24	17.28	British	Sheridan Steamship Co	440.8	56.1	26.4	Tampico	Tocopilla	Fuel oil	9,357	7,636	4,942
Santa Elisa	25	11.45	26	6.08	26	13.35	26	16.33	American	Grace Line	360.3	51.7	22.6	New York	Talcahuano	General	1,609	5,957	4,325
Salvador	19	17.15	26	5.58	26	14.05	26	17.30	British	Pacific Steam Navigation Co	215.0	33.5	16.6	Cristobal	Champerico	General	1,053	1,213	692
Argonne [3]	25	13.05	26	7.20	26	14.56	28	22.05	American	U. S. Navy	448.0	58.0	22.0	Pniladelphia	San Francisco	Naval supplies	363	8,407	5,212
Celebes Maru	26	2.30	26	8.25	26	16.03	26	17.40	Japanese	Osaka Shosen Kaisha	385.0	51.0	27.0	Port Arthur	Yokohama	General, case oil	6,323	6,014	4,406
Commercial Pathfinder	26	8.30	26	8.45	26	16.42	27	1.38	American	Osage Steamship Co	395.1	49.4	24.0	Norfolk	San Diego	General, coal	6,685	5,220	3,734
Trelyon	26	6.55	26	10.40	26	17.39	26	19.05	British	Hain Steamship Co	400.0	52.4	22.2	Norfolk	Auckland	General	3,400	5,803	4,100
Newport	21	14.23	26	11.00	26	18.10	27	13.50	American	Pacific Mail Steamship Co	326.0	38.2	16.6	Cristobal	San Francisco	General	738	3,173	2,163
Scalaria	26	11.52	26	12.00	26	19.02	26	23.47	British	Anglo-Saxon Petroleum Co	411.5	53.4	20.0	Rotterdam	San Francisco	Ballast	.....	6,118	4,306
President Leguia	24	20.50	27	6.20	27	13.37	27	15.05	Peruvian	Gaige Sevilla	312.3	49.6	21.0	Iquitos	Callao	General, lumber	2,395	3,651	2,787
Chester Sun	26	15.18	27	7.30	27	14.35	27	15.50	American	Sun Co	429.0	59.0	18.0	Chester	Los Angeles	Ballast	.....	7,684	5,299
Trematon	26	13.40	27	8.15	27	15.31	27	16.55	British	E. Hain & Sons	400.0	52.0	24.6	New Orleans	Sydney	Sulphur, general	5,380	5,778	4,033
Colombia	27	9.40	28	6.35	28	13.41	28	21.35	American	Pacific Mail Steamship Co	380.0	48.7	22.2	Baltimore	San Francisco	General	2,030	6,015	4,281
Gratia [4]	25	18.15	28	6.42	28	16.01	28	17.30	American	Braddock Navigation Co	249.0	38.0	17.6	Pensacola	Honolulu	Cast iron pipes	1,745	1,630	1,493
Kamoi [5]	28	8.02	28	8.27	28	16.47	.....	.....	Japanese	Japanese Government	478.7	67.3	26.0	Vera Cruz	Yokohama	Fuel oil	7,000	10,915	6,467

[1] Motor schooner. [2] Tug. [3] Transport. [4] Bark. [5] Japanese Navy tanker.

Yuri Maru	21	22.00	22	8.01	22	15.27	22	18.30	Japanese	Kokusai Kisen Kabushiki Kaisha	425.0	54.0	27.5	Portland	Colon [7]	General	8,240	5,650	4,071
Cape Ortegal	22	5.00	22	8.46	22	16.00	22	16.00	British	Lyle Steamship Co	405.0	52.4	25.0	Iquique	Norfolk [7]	Nitrate	7,400	6,909	5,147
Herakles	22	15.05	23	7.04	23	14.40	23	14.40	Norwegian	Bruusgaard Kirusterud	389.8	54.1	25.0	Taltal	Colon [7]	Nitrate	8,000	5,680	4,220
O-13 [6]			23	7.06	23	14.23			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
Kinderdijk	23	3.00	23	8.26	23	16.20	23	19.22	Dutch	Holland-American Line	469.5	58.4	26.0	Tacoma	Rotterdam	General	8,326	8,515	6,068
Stanley Dollar	23	4.30	23	9.26	23	17.15	23	20.30	American	Robert Dollar Line	288.8	44.6	23.3	Port Alice	New York	General, lumber	4,000	3,460	2,404
Edgar F. Luckenbach	23	11.00	23	11.44	23	18.56	23	21.30	American	Luckenbach Line	425.0	57.3	26.0	Portland	Boston	General, lumber	7,000	8,568	6,705
San Eduardo	24	2.00	24	7.40	24	15.00	24	17.10	British	Eagle Oil Transportation	420.0	54.6	17.0	Antofagasta	Tampico	Ballast		6,390	4,382
Sirus	16	19.45	24	8.55	24	16.53	24	22.32	American	U. S. Navy	401.0	54.0	17.0	San Diego	Hampton R'ds	General for Navy	404		
Almagro	24	7.00	24	9.50	24	17.10	25	15.53	British	Pacific Steam Navigation Co.	303.0	43.0	15.0	Guayaquil	New York	General	408	2,878	1,714
Montana	24	9.00	24	10.44	24	18.20	24	21.00	French	French Line	410.7	51.0	27.0	Iquique	Bordeaux	General	6,562	6,327	4,369
Harry Luckenbach	24	14.15	24	14.58	24	21.50	25	7.46	American	Luckenbach Line	448.9	60.2	28.6	Pacific ports	New York	General	8,500	9,262	6,854
Great City	25	6.50	25	7.45	25	16.05	25	18.10	British	W. R. Smith & Son, Ltd	420.0	57.0	26.0	Portland	Falmouth [7]	Wheat	9,827	7,029	5,478
Tosca	24	21.30	25	8.31	25	15.45	25	18.10	Norwegian	Wingi & Co	375.8	51.4	26.0	Lavuka Fiji	Rotterdam	Copra and shells	4,514	5,685	3,930
Ipswick	25	8.00	25	10.00	25	16.45	25	16.45	American	United American Lines	407.0	54.2	26.0	Bellingham	New Orleans	General, lumber	7,262	6,616	4,614
Bologna	25	9.00	25	10.55	25	18.07	28	15.42	Italian	Italian Line	384.9	46.7	20.6	Valparaiso	Genoa	General	1,975	5,531	3,773
Balboa	25	14.10	25	14.43	25	20.35			American	Colombian Maritime Co	109.0	29.1	11.0	Tumaco	Cristobal	General	164	736	335
Benefactor	26	8.00	26	9.27	26	16.41	26	17.25	British	T. and J. Harrison	410.7	53.0	26.2	Vancouver	London	General	6,640	6,313	4,322
Karachi Maru	26	11.20	26	12.44	26	23.00	26	20.23	Japanese	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	26.0	Astoria	United King'm	Wheat	7,700	5,914	4,388
Mantaro	26	6.00	26	13.38	26	21.50			Peruvian	Peruvian Line	367.3	46.0	16.0	Ilo	Cristobal	General	1,080	4,839	2,959
Oriana	27		27	7.55	27	14.50	27	18.25	British	Pacific Steam Navigation Co.	465.0	56.0		Valparaiso	Liverpool	General	5,367	8,620	5,345
Wundelta	27	9.08	27	9.46	27	18.03	28	3.20	American	Munson Line	370.0	53.0	26.0	Aberdeen	New York	Lumber	4,450	5,668	4,297
William Rockefeller	27	14.10	27	15.01	27	23.20	27	23.15	American	Standard Oil Co	554.9	75.3	31.6	Los Angeles	New York	Oil	22,000	14,785	10,330
J. N. Pew	27	16.00	28	6.02	28	15.10	28	15.10	American	Sun Company	480.5	66.0	29.6	Los Angeles	Philadelphia	Oil	13,290	9,494	6,612
Steel Navigator	28	2.30	28	7.54	28	16.00	28	22.45	American	Isthmian Steamship Line	424.2	56.2	25.10	Vancouver	London	General	8,090	7,611	5,454
Aconcagua	28	8.00	28	8.59	28	16.15	29	0.22	Chilean	Chilean Line	422.8	56.2	26.4	Valparaiso	New York	General	5,149	7,758	4,705

[6] Submarine. [7] For orders. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
October 22	Cartago	United Fruit Co	New Orleans via Habana.
October 22	Nessian	Leyland Line	Liverpool via wayports.
October 23	Solana	Pacific Mail Steamship Co	Tampico.
October 23	Heredia	United Fruit Co	New Orleans.
October 23	Gen. G. W. Goethals.	Panama Railroad Steamship Line	New York via Haiti.
October 24	Pastores	United Fruit Co	New York via Habana.
October 24	Stuyvesant	Royal Netherlands W. I. Mail	Amsterdam via wayports.
October 24	San Gil	United Fruit Co	Boston via Habana.
October 25	Camden	United Fruit Co	Tampico.

*DEPARTURES.

Date.	Vessel.	Line.	For—
October 3	Arabia [8]	Panama Plantation Syndicate	Colon.
October 23	Cartago	United Fruit Co	New Orleans via wayports.
October 24	Nessian	Leyland Line	New Orleans.
October 24	Solana	Pacific Mail Steamship Co	Tampico.
October 23	Shenandoah	The Texas Co	Tampico.
October 25	Stuyvesant	Royal Netherlands W. I. Mail	Port Limon.
October 25	Pastores	United Fruit Co	New York via wayports.
October 25	Heredia	United Fruit Co	New Orleans via wayports.
October 26	Sixaola	United Fruit Co	Colombian ports.

[8] Motor schooner.

(Continued on page 162, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 4, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Virginian	28	23.12	29	6.22	29	13.41	29	15.00	American	American-Hawaiian Line	491.5	58.2	26.0	Liverpool	Portland	General	6,700	10,491	7,546
Eldorado	28	23.54	29	7.10	29	15.31	29	16.50	American	Western Transport Co	245.6	42.0	20.6	Mobile	Seattle	General	2,657	2,439	1,662
Sherman	29	0.40	29	7.40	29	14.47	29	16.00	American	Sherman Steamship Co	400.3	45.3	18.6	New York	Tocopilla	General	876	5,037	3,492
Toco	29	11.50	29	12.00	29	19.18	29	20.00	British	Sheridan Steamship Co	400.8	56.0	26.0	Tampico	Tocopilla	Fuel oil	9,322	7,693	4,885
Havo	29	14.08	30	6.30	30	13.59	30	15.15	Norwegian	H. Ostervold	385.0	51.0	14.0	Portland	Pisagua	Ballast		5,210	3,756
Byron D. Benson	29	17.55	30	7.30	30	14.48	30	15.55	American	Tidewater Oil Co	465.0	60.0	20.0	New York	Los Angeles	Ballast		8,546	6,095
Hazel Branch	30	10.57	30	11.15	30	18.02	30	18.55	British	F. and W. Ritson	418.0	51.0	21.6	Liverpool	Talcahuano	General	5,039	5,208	3,578
San Francisco [1]	29	9.50	30	12.02	30	18.52	1		Swedish	Johnson Line	362.0	51.0	23.10	Stockholm	San Francisco	General	5,000	5,298	4,019
Narenta	30	6.32	30	12.05	30	19.50	30	21.02	British	Royal Mail Steam Packet Co	450.0	58.4	17.7	London	Seattle	Ballast		8,856	6,559
Lancaster	30	2.26	30	12.50	30	22.18	31	6.48	American	Lancaster Steamship Corp	434.3	57.7	26.8	New York	Seattle	Steel, general	8,621	7,943	5,872
Suffolk	30	12.55	30	13.00	30	20.48	31	13.37	British	Federal Steam Navigation Co	460.0	58.0	21.0	London	Auckland	General	5,420	9,096	6,421
Quail [2]	9-24	9.18	31	6.10	31	12.42			American	U. S. Navy	180.0	35.6		Hampton R'ds	Balboa				
Willpolo	30	23.10	31	7.20	31	14.46	31	16.15	American	Williams Steamship Co	386.8	52.2	22.6	Philadelphia	Los Angeles	General	5,442	5,680	4,112
East Wind	31	8.30	31	8.45	31	16.53	1	19.40	American	U. S. & A. Line (S. B.)	384.3	51.2	25.0	New York	Adelaide	Oil and general	5,500	5,966	4,442
Lewis Luckenbach	31	8.19	31	9.20	31	17.41	31	18.50	American	Luckenbach Line	496.0	68.0	24.8	New York	San Francisco	General	7,000	11,487	8,762
Mantaro	26	21.50	31	11.40	31	20.36	31	21.24	Peruvian	Peruvian Line	367.0	46.0	19.2	Cristobal	Callao	General	333	4,838	2,959
Moerdijk	30	10.40	31	12.00	31	21.20	31	22.10	Dutch	Holland-American Line	472.0	61.0	19.5	Rotterdam	Vancouver	General	2,528	9,165	7,056
Theodore Roosevelt [1]	31	22.50	1	6.40	1	13.59	1	21.00	Norwegian	Fred Olsen & Co	425.0	55.0	28.0	Christiania	San Diego	General	9,850	7,593	5,637
Wiegand	1	6.42	1	7.36	1	14.44	1	16.10	German	Roland Line	393.0	54.0	25.0	Hamburg	Guayaquil	General	4,125	6,573	4,629
El Grillo	1	8.16	1	8.45	1	15.48	1	19.50	British	Lobitos Oilfields Co	440.0	57.0	20.0	Banow	San Francisco	Ballast		7,468	5,042
Haimon	31	17.45	1	11.45	1	18.06	1	19.00	German	Roland Line	361.0	48.0	18.8	Hamburg	Champerico	General	1,140	4,350	3,117
Birmingham [3]	2	5.37	2	6.33	2	13.32			American	U. S. Navy	420.0	47.0	18.0	New Orleans	Balboa				
Mexico Maru	2	4.23	2	7.30	2	14.40	2	16.06	Japanese	Osaka Shosen Kaisha	400.0	51.0	21.0	Buenos Aires	Yokohama	General, cotton	1,907	6,067	4,230
Rio Gatun [4]	1		2		2	15.44			Panaman	A. R. Eckhart				Cristobal	Gatun Lake			8	8
Dochra	2	13.25	3	6.27	3	13.37	3	14.43	American	Barber Line	376.0	51.0	23.1	New York	Los Angeles	General	4,530	5,158	3,813
Edward Luckenbach	2	15.45	3	7.37	3	14.40	3	15.54	American	Luckenbach Line	436.0	57.0	26.0	New York	Los Angeles	General	6,700	8,543	6,427
Sunbeam	2	18.30	3	8.21	3	15.43	3	16.30	American	Sun Steamship Co	429.3	59.2	21.0	Chester	Los Angeles	Ballast		7,701	5,472
Rimutaka	2	20.03	3	8.55	3	16.18	4	13.40	British	New Zealand Shipping Co	458.0	58.0	25.0	London	Wellington	General	5,800	9,159	6,883
Choyo Maru	3	5.57	3	9.30	3	17.38	3	18.15	Japanese	Toyo Kisen Kaisha	400.0	53.0	25.0	Newcastle	Yokohama	General, cotton	4,824	6,186	4,457
Meiwu Maru	2	21.57	3	10.30	3	18.27	3	19.35	Japanese	Meiji Kisen Kaisha	445.0	58.3	16.0	New York	Portland	Ballast		8,299	5,979
Port Augusta	3	11.30	3	11.40	3	19.09	3	20.25	British	Commonwealth & Dom. Line	380.0	49.0	20.0	New York	Brisbane	General	2,120	5,192	3,854
Eurypylus	3	13.10	3	13.30	3	21.30	3	23.15	British	China Mutual Steam Nav. Co.	430.0	52.0	24.0	Liverpool	Vancouver	General	5,558		
Panuco	3	16.00	4	6.22	4	13.46	4	14.50	American	Ward Line	351.5	47.9	20.0	New Orleans	Los Angeles	General	2,512	4,226	2,848

[1] Motor ship. [2] Tug. [3] Cruiser. [4] Launch.

Gen. O. H. Ernst	3	2.57	4	6.45	4	14.33	5	10.40	American	Panama Railroad Steamship Line	356.4	45.3	17.0	New York		General	900	4,503	2,764
Cleveland[3]	2	6.33	4	7.25	4	15.27			American	U. S. Navy	308.0	36.0	17.6	Key West	Balboa				
Steel Ranger	3	18.35	4	8.05	4	17.40	4	19.00	American	U. S. Steel Products Co	424.2	56.2	27.9	Baltimore	Seattle	General, steel	8,459	7,611	5,450
Hawaiian	3	22.04	4	9.00	4	18.27	4	19.45	American	American-Hawaiian Line	406.0	51.0	26.0	Philadelphia	Los Angeles	General	6,100	6,039	4,180
Jadden	4	2.52	4	9.20	4	19.11			American	Tampa Inter-ocean Co. (S. B.)	410.5	54.2	18.3	Galveston	Yokohama	General	2,827	7,496	5,686
Delagoa Maru	4	9.05	4	10.30	4	20.10	4	21.20	Japanese	Nippon Yusen Kaisha	420.0	56.0	24.0	Boston	Yokohama	(5)	6,119	7,249	5,171

[5] Machinery parts, steel, cotton, lubricating oil, and bicarbonate.

THROUGH THE CANAL—PACIFIC TO ATLANTIC

Margaret Coughlan	28	11.15	29	7.06	29	14.45	29	14.45	British	Deingwall Gotts	411.5	54.1	23.0	Victoria	Montreal	Lumber	7,500	6,624	4;999
Patuxent			29	9.24	30	16.44			American	U. S. Navy	156.0	24.0		Balboa	Cristobal				
Hampstead	29		29	10.56	29	19.35	29	21.35	British	Watts, Watts & Co	340.0	45.0	22.0	Mejillones	Gibraltar[6]	Nitrate	5,200	3,830	2,788
Steel Seafarer	29	12.35	29	13.05	29	20.13	29	20.13	American	Isthmian Steamship Line	424.4	56.2	22.5	Vancouver	New York	General	7,281	7,611	5,454
Kronstad	29	20.30	30	7.55	30	17.00	30	17.52	Norwegian	Kingsley Steamship Line	313.0	46.3	19.6	Junin	Norfolk	Nitrate	4,820	2,963	2,070
William G. Warden	29	20.45	30	8.41	30	17.42	30	17.42	American	Standard Oil Co. of N. J.	500.0	68.2	29.3	Los Angeles	New York	Oil	15,240	10,503	7,909
Oak Branch	30	7.45	30	9.36	30	17.45	30	21.20	British	F. and W. Ritson	385.0	49.8	23.0	Talcahuano	Liverpool	General	5,902	5,209	4,031
Santa Teresa	30	8.00	30	10.36	30	17.58	30	20.12	American	Grace Line	360.0	51.6	25.6	Talcahuano	New York	General	3,967	5,726	4,086
D. G. Schofield	30	9.30	30	11.36	30	19.35	30	20.52	American	Standard Oil Co. of California	439.5	58.0	30.3	San Francisco	Philadelphia	Oil	11,240	8,912	6,254
Artigas	30	12.45	30	13.34	30	21.53	30	22.07	American	N. Atlantic & Western S. S. Co.	390.0	54.2	26.0	Portland, Ore.	Portland, Me.	General, lumber	7,610	6,204	4,314
Alaskan	31	5.00	31	8.10	31	16.20	31	20.12	American	U. S. A. Line	470.1	57.2	30.0	Seattle	Hamburg	General	10,174	9,250	6,816
Nevada	31	8.15	31	9.09	31	16.40	31	20.25	French	French Line	419.9	55.8	26.2	Vancouver	Antwerp	General	7,630	7,484	5,408
Charlton Hall	31	8.30	31	10.07	31	15.55	1	7.52	American	U. S. Steel Products Co	400.0	50.0	26.0	Colosa		Nitrate	7,300	5,714	4,161
G. Harrison Smith	30	3.30	31	11.25	31	21.28	31	21.28	British	Ore Steamship Co	550.6	72.0	34.0	Cruz Grande	New York	Iron ore	20,000	15,476	11,102
George Washington	31	11.20	31	12.54	31	22.21	31	22.27	Norwegian	Norway-Pacific Line	424.5	55.3	28.6	San Francisco	Christiania	General	9,249	7,505	5,627
K. I. Luckenbach	31	12.00	31	13.47	31	23.57	1	6.55	American	Luckenbach Line	446.0	56.0	26.6	Portland	Boston	General, lumber	7,000	8,552	6,237
Trompenborg	31	18.45	1	6.56	1	15.15	1	17.45	Dutch	Vinke & Co	280.0	40.0	18.0	Iquique	New Orleans	Nitrate	3,000	2,213	1,521
Quail[2]	31	12.42	1	7.07	1	14.20			American	U. S. Navy	180.0	35.6		Balboa	Cristobal				
Republic	31	18.12	1	8.13	1	15.59	1	17.10	American	Chilean Steamship Co	345.1	49.1	22.8	Antofagasta	New York	Nitrate	6,239	4,393	3,006
Benjamin Brewster	31	22.00	1	8.50	1	16.23	1	17.56	American	Standard Oil Co	411.6	53.2	24.6	Talara	Habana	Oil	7,600	6,177	4,244
Advance	1	6.00	1	10.01	1	17.10	3	15.00	American	Panama Railroad Steamship Line	295.0	38.4	20.2	Guayaquil	New York	General	1,025	2,947	2,113
Steel Inventor	1	11.10	1	11.43	1	18.15	1	18.15	American	Isthmian Steamship Line	424.2	56.2	26.6	Los Angeles	New York	General	7,850	7,611	5,450
Santa Eulalia	1	14.00	1	14.16	1	21.52	1	21.52	American	Isthmian Steamship Line	251.0	43.6	23.6	Aberdeen	New York	Copper, lumber	3,500	2,823	1,730
Christiansborg	2	3.15	2	7.46	2	15.35	2	17.10	Danish	C. K. Hansen	331.8	48.7	21.9	Caleta Colosa	Cristobal[6]	Nitrate	4,927	4,328	3,180
Sheaf Mead	2	6.00	2	8.35	2	17.00	2	18.10	British	Kinsley Steamship Line	380.2	53.5	22.6	Portland	Queenstown	Wheat	6,587	5,326	4,008
William Champion	2	12.15	2	13.08	2	21.05	2	21.05	American	Gaarland Steamship Corp.	384.4	51.2	24.8	Portland	Mobile	General	6,412	6,327	4,433
Tolken	1	15.20	2	12.36	2	19.37	2	19.37	Swedish	Transatlantic Steamship Co.	378.0	54.0	19.0	London	Hamburg	Copra	5,215	6,225	4,536
San Zotico	3	7.00	3	8.15	3	14.38	3	16.25	British	Anglo-Mexican Petroleum Co	400.2	52.0	16.5	Valparaiso	Tampico	Ballast		6,032	3,872
John D. Archbold	3	11.57	3	12.53	3	22.05	4	0.58	American	Standard Oil Co	554.9	75.3	31.5	San Pedro	New York	Oil	20,240	14,785	10,313
Imperial	3	6.00	4	7.08	4	14.07			Chile	Chilean Line	336.8	41.2	21.0	Valparaiso	Cristobal	General	296	3,296	2,156

[6] For orders.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Heffron	3	6.00	4	8.00	4	15.21	4	21.40	American	Tampa Inter-Ocean Steamship Co	440.0	55.0	35.2	Hankow	New York	General	9,357	8,349	6,201
Steel Age	3	17.00	4	8.28	4	15.46	4	15.46	American	Isthmian Steamship Line	395.5	55.0	27.0	Honolulu	Baltimore	General	8,139	7,285	5,256
Frogner	3	17.00	4	8.38	4	16.55	4	16.55	Norwegian	Fearnley & Eger	407.1	53.8	27.4	Portland	Falmouth	Wheat	8,129	7,010	5,310
Acajutla	3	23.00	4	10.03	4	16.07	...	...	British	Pacific Steam Navigation Co.	215.7	33.5	14.4	San Jose, Gu't	Cristobal	General	413	1,273	705
Glamorganshire	4	0.30	4	10.26	4	18.18	5	21.28	British	Royal Mail Steam Packet Co.	400.0	58.0	24.0	Victoria	London	General	8,000	8,229	5,982
Valdura	4	7.00	4	11.00	4	19.30	4	21.25	British	Gow, Harrison & Co.	414.0	56.0	25.0	Iloilo	New York	Sugar	7,500	6,101	4,358
Floridian	4	10.15	4	11.50	4	18.35	4	18.35	American	United American Lines	415.0	53.7	28.9	San Francisco	Boston	General	9,325	7,273	5,105
Willhilo	4	11.00	4	12.35	4	20.15	4	20.15	American	Williams Steamship Co	434.3	57.7	25.5	Seattle	New York	General	7,768	7,983	5,882
Ansaldo San Giorgio III.	3	1.00	4	14.08	4	23.45	5	12.44	Italian	Societa Nazionale di Navigazione.	390.4	55.8	26.0	Valparaiso	Genoa	General	6,700	.....	.....
Ucayali	4	3.00	4	14.52	4	22.40	...	...	Peruvian	Peruvian Line	377.7	46.3	17.6	Callao	Cristobal	General	643	4,466	2,405

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
October 29	Abangarez	United Fruit Co	New Orleans via Habana.
October 29	Paul H. Harwood	Pan-American Petroleum Co	Tampico.
October 30	Parismina	United Fruit Co	New Orleans.
October 31	Ulua	United Fruit Co	New York via Kingston.
November 1	Carrillo	United Fruit Co	New York via Kingston.
November 1	Sixaola	United Fruit Co	Colombian ports.
November 2	Panama	Panama Railroad Steamship Line	New York via Haiti.
November 2	Abangarez	United Fruit Co	Bocas del Toro.
November 3	St. Mihiel [7]	U. S. Army	New York via San Juan.
November 4	San Benito	United Fruit Co	Port Limon.
November 3	O-1, 3, 4, 6, 8, 9 [8]	U. S. Navy	Guantanamo.

*DEPARTURES.

Date.	Vessel.	Line.	For—
October 29	Stuyvesant	Royal Netherlands W. I. Mail	Amsterdam via wayports.
October 29	Columbia	N. O. & S. A. S. S. Line	New Orleans.
October 29	Cristobal	Panama Railroad Steamship Line	Norfolk.
October 30	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
October 30	Abangarez	United Fruit Co	Bocas del Toro.
October 31	Paul H. Harwood	Pan-American Petroleum Co	Tampico.
November 1	Parismina	United Fruit Co	New Orleans via way ports.
November 1	Ulua	United Fruit Co	New York via wayports.
November 2	Abangarez	United Fruit Co	New Orleans.
November 2	Carrillo	United Fruit Co	Colombian ports.
November 2	Sixaola	United Fruit Co	New York via Kingston.
November 4	San Benito	United Fruit Co	Boston.
November 4	Savannah	U. S. Navy	High seas.

[7] Transport. [8] Submarines.

PORT OF BALBOA.

October 28	Memnon	General Steamship Corp	Valparaiso.
October 29	Hwah Ping	Chinese Government	Hongkong.
October 29	Baja California	A. O. Lindvig	Seattle.
October 30	Depere	General Steamship Corp	Tacoma.
November 1	Lancaster	Isthmian Steamship Lines	High seas.

October 29	Memnon	General Steamship Corp	Tacoma.
October 29	Rosana	Alberto Fait	Punta Arenas.
October 30	Baja California	A. O. Lindvig	Guayaquil.
October 31	Hwah Ping	Chinese Government	Iquique.
October 31	Depere	General Steamship Corp	Valparaiso.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 11, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Gothic Prince	4	15.28	5	6.22	5	14.00	6	13.40	British	Prince Line, Ltd	448.1	57.2	22.6	New York	Hongkong	General	5,960	9,082	6,701
Kent	4	12.20	5	7.00	5	14.39	5	15.30	British	Federal Steam Navigation Co	460.0	62.0	29.4	Liverpool	Auckland	General	9,441	10,507	8,132
Helder	4	4.30	5	7.50	5	15.54	5	17.05	Dutch	Royal Netherlands W. I. Mail	361.5	49.8	17.6	Hamburg	Guayaquil	General	2,129	5,117	3,807
Minnesotan	5	5.32	5	9.10	5	16.39	5	17.50	American	American-Hawaiian Line	407.0	53.7	22.0	Boston	Los Angeles	General	4,885	7,150	4,913
Ansaldo San Giorgio I	4	21.35	5	9.25	5	17.27	6	18.20	Italian	Societa Nazionale di Navigazione	385.8	49.0	19.0	Genoa	Valparaiso	General	936	5,657	3,974
Borgestad	5	10.00	5	10.30	5	18.27	5	19.47	Norwegian	Borgestad Co	360.3	51.3	23.0	Tampico	Valparaiso	Fuel oil	4,800	4,905	3,711
David McKelvy	5	16.21	6	6.17	6	13.36	6	14.44	American	Tidewater Oil Co	430.0	59.2	20.0	New York	Los Angeles	Ballast		7,629	5,393
Ardmore	5	16.53	6	7.15	6	14.48	6	16.00	American	Standard Oil Co	449.5	59.6	19.0	New York	Talara	Ballast		8,612	6,457
Carolinian	5	18.12	6	7.55	6	15.43	6	17.10	American	Garland Steamship Corp	359.8	50.2	24.6	Texas	Oakland	Sulphur	6,025	4,642	3,518
City of Glasgow	5	21.52	6	8.40	6	16.49	6	17.52	British	Ellerman Lines	391.3	54.0	27.0	New York	Shanghai	General	6,996	7,133	5,418
Jacob Luckenbach	6	10.40	6	10.50	6	18.05	6	19.10	American	Luckenbach Line	414.5	53.7	28.0	New Orleans	Los Angeles	General	5,776	7,315	5,270
Katherine [1]	5	22.16	7	6.45	7	15.23	9	13.20	American	National Exchange Company	286.9	43.5	16.0	New Orleans	San Francisco	Ballast		2,357	1,795
Patuxent [2]	30	16.44	7	6.25	7	15.19			American	U. S. Navy	156.0	24.0		Cristobal	Balboa	(5)			
Boxer [3]	24	9.18	7	6.25	7	15.19	8	20.46	American	U. S. Navy	117.0	29.8	9.0	Hampton R'ds	Seattle				
Capella [4]	4	7.35	7	6.50	7	14.27	8	20.46	American	U. S. Navy	390.0	54.0	21.5	Hampton R'ds	San Diego	Naval stores	4,000		
Santa Olivia	6	14.40	7	8.20	7	15.39	7	16.55	American	Grace Line	406.6	53.9	16.9	Baltimore	Seattle	General	2,750	6,779	4,921
Hoven	6	7.10	7	8.35	7	16.27	8	19.50	American	Walker & Daily (S. B.)	434.8	56.2	18.2	Mobile	Balboa	Fuel oil	3,636	7,587	5,305
Chiton	7	7.34	7	9.20	7	17.20	8	1.05	British	Anglo-Saxon Petroleum Co	400.3	52.2	20.3	Lisbon	Los Angeles	Ballast		6,014	4,107
Ida	6	14.07	7	11.05	7	19.16	7	20.37	Panaman	California Steamship Co	370.1	48.6	25.0	Norfolk	Shanghai	Kerosene	6,000	4,844	3,559
Cambrai [1]	7	6.22	7	12.00	7	18.12	8	7.40	American	U. S. Army	448.0	58.0	25.2	New York	San Francisco	Military supplies	493		
Thomas P. Beal	7	13.00	7	13.10	7	19.53	7	21.14	American	Crowell & Thurlow	410.0	55.0	23.0	Baltimore	Los Angeles	General	5,080	7,047	4,998
Canadian Pioneer	7	19.00	8	6.28	8	13.41	8	16.40	British	Canadian Government	400.0	52.0	20.0	Montreal	Auckland	General	2,000	5,877	4,070
Cambridge	7	20.50	8	7.47	8	15.33	8	18.30	British	Federal Steam Navigation Co	524.0	65.0	28.6	Glasgow	Brisbane	General	13,798	11,936	8,457
Munindies	8	2.35	8	8.49	8	16.08	8	18.50	American	Munson Line	370.0	53.1	22.1	Galveston	Powell River	Sulphur	5,600	5,527	4,099
Imperial	4	14.07	8	10.05	8	17.00	8	18.50	Chilean	Chilean Line	336.8	41.0	24.6	Cristobal	Valparaiso	General	688	3,296	2,156
Saint Bede	8	9.55	8	10.37	8	18.18	8	21.03	British	Rankin Gilmour	384.9	52.7	13.9	Blyth	Callao	Ballast		5,212	3,598
Corinto	6	20.19	8	11.55	8	18.58	8	20.07	American	Pacific Mail Steamship Co	261.1	40.0	14.3	New York	San Francisco	General	90	2,403	1,560
Samuel Q. Brown	8	11.55	8	12.12	8	19.48	8	21.30	American	Tidewater Oil Co	424.4	58.2	19.0	New York	Los Angeles	Ballast		7,333	5,246
Walter D. Munson	8	12.39	8	13.05	8	20.39	8	21.35	American	Munson Line	368.2	48.3	18.0	New York	Seattle	General	1,915	4,606	3,246
Carolyn	8	13.05	8	13.20	8	21.41	8	22.48	American	A. H. Bull & Co	313.6	48.1	20.4	New Orleans	Portland	General	3,864	3,644	2,566
Pequot	8	10.57	8	13.29	8	22.02	8	23.25	Panaman	Pacific Freighters Co	421.0	55.1	16.3	Norfolk	Eureka	Ballast		6,466	4,428
Copenhagen	8	11.20	9	6.10	9	13.48	9	15.00	British	Glen & Co	385.0	52.0	22.11	New York	Shanghai	General	6,000	5,076	3,733

[1] Motor schooner. [2] Tug. [3] Brigantine. [4] Transport. [5] Towing brigantine *Boxer*.

Santa Luisa	8	9.05	9	7.12	9	14.37	9	16.25	American	Grace Line	360.2	51.6	20.5	New York	Talcahuano	General	1,784	5,694	3,975
Sciota[6] and Barge No. 282	9	2.28	9	7.40	9	9.23			American	U. S. Navy	155.0	30.0	17.0	Norfolk	Gatun Lake				
Standard	8	16.12	9	8.15	9	15.49	9	17.10	American	Standard Oil Co	523.9	68.7	22.0	New York	Los Angeles	Ballast			
Romanstar	9	1.19	9	8.47	9	16.54	11	22.50	British	Blue Star Line	420.0	54.0	23.0	Middlesboro	San Francisco	General	5,094	7,433	5,870
Steelore	9	6.35	9	8.50	9	17.32	9	18.30	American	Ore Steamship Corp	550.3	72.2	20.0	Baltimore	Cruz Grande	Ballast		15,551	4,411
Delaware Sun	9	9.42	9	10.20	9	18.30			American	Sun Co	480.5	66.0	22.5	Philadelphia	Los Angeles	Ballast		9,402	6,586
Ucayali	4	22.40	9	11.17	9	19.23	9	23.50	Peruvian	Peruvian Line	374.7	46.3	18.0	Cristobal	Callao	General	581	4,466	2,405
Knoxville City	9	11.05	9	11.45	9	21.20			American	U. S. Steel Products Co	424.2	56.2	25.6	Galveston	Yokohama	Steel, cotton	7,509	7,611	5,450
San Eduardo	9	12.08	9	12.35	9	22.21	9	23.40	British	Eagle Oil Transport. Co	420.3	54.6	28.2	Tampico	Iquique	Fuel oil	7,700	6,391	4,382
Lima[7]	9	14.15	10	6.15	10	14.52	11	13.20	Swedish	Johnson Line	364.1	51.5	19.6	Antwerp	Los Angeles	General	4,515	5,304	3,900
Acajutla	4	16.07	10	6.16	10	16.08	11	1.02	British	Pacific Steam Navigation Co	215.7	33.5	15.5	Cristobal	Champerico	General	814	1,273	706
Munrio	9	23.21	10	7.45	10	16.22	10	17.40	American	Munrio Steamship Co	333.6	48.2	23.10	Galveston	Seattle	Sulphur	5,200	4,165	3,066
Birmingham City	9	23.25	10	9.30	10	18.11	10	19.30	American	U. S. Steel Products Co	395.5	55.0	24.5	Boston	Vancouver	General	6,015	6,841	4,686
Julia Luckenbach	10	15.52	11	6.22	11	13.41	11	15.10	American	Luckenbach Line	436.0	57.0	24.6	New York	Los Angeles	General	6,000	8,543	6,402
Borglum	10	6.03	11	7.24	11	14.46			Danish	C. K. Hansen	277.4	41.0	17.3	New Orleans	Valparaiso	General	1,250	2,641	1,877
Benjamin Brewster	10	23.21	11	8.57	11	16.09	11	17.14	American	Standard Oil Co	411.6	53.2	19.3	Habana	Talara	Ballast		6,177	4,244
Cold Harbor	11	9.45	11	10.24	11	18.12	11	19.14	American	N. Atl. & West. S. S. Co. (S. B.)	390.0	54.2	24.5	Philadelphia	Los Angeles	General	4,326	6,167	4,290

[6] Tug. [7] Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Romsdalshorn	4	16.10	5	7.15	5	14.24	5	21.05	Norwegian	Laury Christiansen	420.0	53.9	26.0	Vancouver	Liverpool	Copper, lumber	6,102	6,592	4,733
Santa Rosa	4	15.30	5	7.55	5	15.25	5	18.05	American	Grace Line	404.6	54.0	28.6	Iquique	Colon[8]	Nitrate	8,924	6,754	4,780
Belfast Maru	4	20.00	5	8.55	5	16.45	5	21.00	Japanese	Kawabashi Kisen Kaisha	405.0	53.0	28.0	Vancouver	Genoa	Wheat	8,447	7,043	5,077
Santa Barbara	5	9.00	5	9.41	5	17.07	5	17.07	American	Isthmian Line	404.6	54.0	27.0	Tacoma	New York	Canned goods	6,245	6,789	4,746
Delft	5	3.30	5	14.51	5	23.00	6	18.10	Dutch	Royal Netherlands W. I. Mail	369.0	50.0	25.10	Talcahuano	Hamburg	Nitrate, general	6,660	5,862	4,392
Caucasier	6	0.30	6	8.09	6	15.21	7	10.17	Belgian	Lloyds Royal Belge	450.0	59.0	26.6	Antofagasta	Norfolk	Nitrate	9,200	7,578	5,549
Ohioan	6	8.05	6	9.30	6	17.00	6	21.08	American	United American Lines	407.7	53.7	28.6	Seattle	Liverpool	General	7,711	7,112	4,896
Laura C. Hall	3	13.00	6	11.07	6	17.32	8	7.40	British	Pacific Metals Transport. Co	256.0		9.0	Buenaventura	Cristobal	Platinum	(9)	132	72
Radix	6	0.30	6	13.00	6	20.02	6	20.02	British	Anglo-Saxon Petroleum Co	411.8	56.0	28.0	San Pedro	Gibraltar	Oil	9,000	7,428	5,277
Lydia	6	19.30	7	7.44	7	14.41	7	15.20	American	Lydia Steamship Co	366.0	48.2	22.0	Grays' Harbor	New York	Lumber	4,350	4,620	3,343
Rappahannock	8	1.00	8	7.58	8	17.50	9	17.08	American	U. S. Navy	498.0	59.0	20.0		New York	General	1,500	6,658	4,287
Levant Arrow	8	5.00	8	8.44	8	17.29	8	17.29	American	Standard Transport. Co	468.0	62.7	20.0	Manila	New York	Coconut oil	3,005	9,744	7,039
Patuxent			8	9.03	8				American	U. S. Navy				Balboa	Cristobal				
Roland	8	11.00	8	12.05	8	19.30	8	21.05	German	Roland Line	360.3	51.0	32.6	Corral	Hamburg	Nitrate, general	5,550	4,791	3,374
Thode Fagelund	8	7.00	8	14.00	8	21.22	8	21.22	Norwegian	Will Williamson	395.0	53.3	26.6	Antofagasta	New Orleans	Nitrate	8,475	6,239	4,475
F. H. Hillman	8	15.30	9	6.56	9	16.00	9	16.00	American	Standard Oil Co. of California	500.0	68.2	28.10	San Francisco	Pt. Breeze	Oil	11,700	11,225	7,913
San Tiburcio	9	7.25	9	8.44	9	17.00	9	17.02	British	Anglo-Mexican Oil Co	413.0	53.4	19.0	Valparaiso	New Orleans	Ballast		6,272	4,343
Huasco	9	17.00	10	7.02	10	14.00			Chilean	Chilean Line	380.0	44.0	21.0	Talcahuano	Cristobal	General	55	4,152	3,182
Eastern Prince	9	19.30	10	8.10	10	15.02	10	15.02	British	Furness Prince Line	469.4	58.5	27.0	Everret	Hull	General	8,826	8,413	5,971
Strathlorne	10	6.30	10	9.40	10	16.05	10	19.25	British	Andrew Weir & Co	376.5	52.2	22.10	Taltal	Colon[8]	Nitrate	6,559		
Chertsey	10	10.30	10	11.28	10	19.30	10	21.10	British	Watts, Watts & Co	355.1	45.0	23.0	Mejillones	Bilbao	Nitrate	5,450	4,009	2,948
Gothicstar	10	17.30	10	12.40	10	20.35	10	20.35	British	Blue Star Line	420.5	54.7	25.3	Seattle	London	General	5,892	7,521	5,822
Galveston			11	7.00	11	14.40	11	20.50	American	U. S. Navy	293.0	44.0	16.6	Balboa	Cristobal				

[8] For orders. [9] Two boxes.

MOVEMENTS OF OCEAN VESSELS—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Alvarado	10	16.17	11	7.27	11	15.36	11	17.38	American	Swayne & Hoyt	245.0	41.5	13.10	Bellingham	Tampico	General, lumber	1,700	2,122	1,504
Brenta	10	16.30	11	8.04	11	15.39	11	17.15	Italian	Navegazione Libera Triestina	404.6	55.0	21.6	Victoria	New York	Lumber	550	5,508	4,049
West Catanace	10	22.50	11	8.59	11	16.55	11	17.50	American	Receivers Elders Steel S. S. Co.	410.5	54.3	24.0	Coos Cay	New York	Lumber	6,900	6,567	4,917
Orinoco	11	6.27	11	10.06	11	17.34	11	17.34	American	Luckenbach Line	376.4	52.3	21.1	San Francisco	New York	General	4,337	5,455	3,902
Negada	11	7.00	11	10.25	11	18.20	11	23.40	German	Kosmos Line	411.0	50.6	25.8	Talcahuano	Hamburg	Nitrate, general	6,300	6,402	4,463
Losada	11	10.00	11	11.39	11	21.50	12	12.29	British	Pacific Steam Navigation Co	406.1	54.2	16.11	Corral	London	General	8,144	7,220	4,844
Cuba	10	22.00	11	11.16	11	18.55	...	...	American	Pacific Mail Steamship Co	307.7	42.2	17.6	San Francisco	Cristobal	General	456	3,429	2,206
Vixen[9]	...	...	11	...	11	...	...	...	American	H. L. Lewis	18.0	5.0	...	Balboa	Cristobal	...	...	1	1
Pedro Christopherson	11	7.15	11	12.55	11	20.00	11	20.00	Swedish	Johnson Line	377.0	51.3	23.0	Vancouver	Stockholm	General	5,068	5,281	4,015
San Clara	11	11.45	11	13.55	11	23.14	12	10.35	American	Pacific Mail Steamship Co	404.6	54.0	26.6	Tacoma	Baltimore	General, lumber	7,800	6,760	4,450

[9] Commercial launch.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Nov. 5	Turrialba	United Fruit Co	New Orleans via Habana.
Nov. 6	Van Renselaer	Royal Netherlands W. I. Mail	Amsterdam via wayports.
Nov. 7	San Bruno	United Fruit Co	Boston via Habana.
Nov. 7	Toloa	United Fruit Co	New York via Habana.
Nov. 7	La Navarre	French Line	St. Nazaire and wayports.
Nov. 7	Alexandrian	Leyland Line	Liverpool via wayports.
Nov. 7	Cartago	United Fruit Co	New Orleans via Habana.
Nov. 8	Tivives	United Fruit Co	New York via Kingston.
Nov. 8	Buenos Aires	Spanish Line	Barcelona via wayports.
Nov. 8	Carrillo	United Fruit Co	Colombian ports.
Nov. 10	Van Renselaer	Royal Netherlands W. I Mail	Port Limon.
Nov. 10	Coronado	Elders & Fyffes, Ltd	Port Limon.
Nov. 10	Camden	United Fruit Co	Tampico.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Nov. 5	Turrialba	United Fruit Co	New York via Bocas del Toro.
Nov. 7	St. Mihiel[10]	U. S. Army	New York.
Nov. 7	Van Renselaer	Royal Netherands W. I. Mail	Port Limon.
Nov. 8	San Bruno	United Fruit Co	Boston via Port Limon.
Nov. 8	Toloa	United Fruit Co	New York via wayports.
Nov. 9	Tivives	United Fruit Co	Colombian ports.
Nov. 9	Cartago	United Fruit Co	New Orleans via wayports.
Nov. 9	Alexandrian	Leyland Line	Kingston.
Nov. 9	Carrillo	United Fruit Co	New York via Kingston.
Nov. 10	La Navarre	French Line	St. Nazaire and wayports.
Nov. 10	Panama	Panama Railroad Steamship Line	New York via Haiti.
Nov. 10	Van Renselaer	Royal Netherlands W. I. Mail	Amsterdam via wayports.
Nov. 10	Coronado	Elders & Fyffes, Ltd	Kingston.

[10] Transport.

PORT OF BALBOA.

Nov. 7	Guardian	All America Cables Co	Salina Cruz (Mexico).
Nov. 11	Jeptha	U. S. Shipping Board	Valparaiso.

Nov. 11	Jeptha	U. S. Shipping Board	San Francisco.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 18, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Radames	11	16.19	12	6.22	12	14.34	12	15.39	German	Kosmos Line	380.0	47.0	20.4	Hamburg	Guayaquil	General	2,550	4,971	3,486
Essequibo	11	12.25	12	7.05	12	15.30	12	17.11	British	Pacific Steam Navigation Co	450.0	57.0	23.5	New York	Valparaiso	General	1,777	9,099	6,117
Logician	12	6.30	12	9.05	12	16.29	12	17.35	British	Harrison Line	400.0	47.5	16.0	Demerara	Vancouver	Sugar and rice	2,754	5,124	3,697
Acasta	12	7.00	12	9.30	12	16.55	12	22.31	British	Anglo-Saxon Petroleum Co	400.0	52.4	16.0	Las Palmas	Los Angeles	Ballast	.....	6,134	4,604
Steel Scientist	11	23.14	12	11.50	12	18.36	12	19.47	American	U. S. Steel Products Co	424.2	56.2	26.9	Baltimore	Honolulu	General, steel	8,430	7,611	5,454
Patuxent[1]	.....	.....	12	9.47	12	15.32	.....	.....	American	U. S. Navy	156.0	24.0	.....	Gatun Lake	Balboa	.....	.....	.....	.....
Grande Gaard	13	6.35	13	7.15	13	14.47	13	19.40	Norwegian	Hendrik Ostervold	420.0	54.0	19.0	New York	Portland	General	6,040	6,963	5,051
Texan	14	3.31	14	6.35	14	13.55	14	14.45	American	American-Hawaiian Line	471.0	57.6	23.6	Boston	Los Angeles	General	6,914	9,154	6,970
Eumaeos	14	6.22	14	7.20	14	14.45	14	16.08	British	Alfred Holt & Co	459.0	56.0	23.0	New York	Yokohama	General	2,030	7,964	5,616
Dixie Arrow	14	12.40	14	12.55	14	20.31	14	21.52	American	Standard Transportation Co	468.0	62.6	26.6	Sabine	Hongkong	Petroleum	11,090	9,744	6,973
Haarlem	15	3.17	15	6.30	15	13.56	15	23.15	Dutch	Royal Netherlands W. I. Mail	362.0	50.0	20.0	Amsterdam	San Antonio	Coke	4,200	4,759	3,660
Songvand	15	8.12	15	10.00	15	19.00	15	20.26	Norwegian	S. O. Stray & Co	330.0	47.0	16.0	New York	Valparaiso	General	1,300	3,783	2,565
Alvarado	14	22.06	16	6.05	16	13.55	18	17.40	British	McAndrews & Co	303.0	43.0	18.2	New York	Guayaquil	General, coal	1,090	2,844	1,748
Laura C. Hall[2]	14	10.57	16	6.15	16	13.57	18	9.36	British	Pacific Metals Corp	81.0	25.6	9.0	P. Colombia	Buenaventura	General	50	132	72
Oregonian	15	21.15	16	7.35	16	14.52	16	15.55	American	American-Hawaiian Line	406.8	51.0	26.0	Baltimore	Los Angeles	General	6,000	5,959	4,203
Huasco	10	14.00	16	9.07	16	15.39	16	23.10	Chile	Chilean Steamship Line	380.0	44.0	21.11	Cristobal	Valparaiso	General	1,109	4,552	3,182
Bowes Castle	16	8.46	16	11.05	16	17.55	16	19.00	British	James Chambers & Co	430.0	56.2	27.3	Boston	Honolulu	General, oil	7,600	6,675	4,698
Montauk	17	10.55	17	11.05	17	18.33	17	20.20	American	International Mercantile Marine	419.5	56.0	25.0	Philadelphia	Los Angeles	General	7,200	8,696	6,316
Shawmut[3]	17	12.00	17	12.20	17	19.26	18	19.00	American	U. S. Navy	375.0	52.2	18.0	Hampton R'ds	La Libertad	.....	.....	.....	.....
Rangoon Maru	17	17.20	18	6.18	18	13.56	18	15.05	Japanese	Nippon Yusen Kaisha	400.0	51.9	20.2	New York	Yokohama	(5)	3,574	5,559	4,106
Katuna	17	20.45	18	7.20	18	14.46	18	15.50	British	Ellerman & Bucknell	400.0	52.1	16.0	Pensacola	Vancouver	Ballast	.....	6,025	4,392
Ionic	17	22.08	18	7.57	18	15.30	19	0.45	British	White Star Line	500.3	63.3	27.0	London	Wellington	General	4,500	12,872	9,577
Kennecott[4]	17	18.34	18	8.45	18	16.09	18	17.05	American	Alaska Steamship Co	345.3	49.6	19.5	New York	Los Angeles	General, steel	3,742	4,593	3,381
Robert E. Hopkins	18	9.12	18	9.40	18	17.00	18	18.10	American	Tidewater Oil Co	424.0	58.0	22.0	New York	Los Angeles	Ballast	.....	7,333	5,244
Norman Monarch	18	11.25	18	11.40	18	18.26	18	20.09	British	Monarch Line	400.0	52.0	18.0	Newport News	Mejillones	Ballast	.....	5,568	4,146
St. Joseph	18	6.09	18	11.50	18	19.06	18	19.25	French	French Line	397.0	51.0	18.0	Havre	Vancouver	General	1,015	5,979	4,170
Venezuela	17	18.45	18	12.32	18	19.53	19	13.15	American	Pacific Mail Steamship Co	380.0	48.7	22.6	Baltimore	San Francisco	General	2,625	6,030	4,353

[1] Tug. [2] Motor schooner. [3] Mine planter. [4] Motor ship. [5] Machinery, cotton, lubricating oil, steel sheets, and merchandise.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

H. H. Asquith	11	15.20	12	7.06	12	15.20	12	16.45	British	Williams & Moodey	340.0	52.5	26.0	Mejillones	New York	Copper ore	8,000	5,692	3,819
Chickasaw City	11	18.00	12	7.28	12	15.40	12	16.24	American	U. S. Steel Products Co	395.5	55.0	25.0	Seattle	Liverpool	General	8,000	6,841	4,686
Georgian	11	20.35	12	8.52	12	16.30	12	16.30	American	United American Lines	386.8	52.2	25.0	Los Angeles	New York	General, lumber	7,625	5,719	4,023
Yankee Arrow	11	20.45	12	9.54	12	16.56	12	16.56	American	Standard Transport Co	468.3	62.7	19.3	Hankow	Beaumont	Ballast	.....	9,841	6,943

Chuky	11	22.30	12	10.17	12	17.41	12	17.41	British	Chile Steamship Co.	440.8	56.0	14.0	Tocopilla	Tampico	Ballast	.....	7,636	4,942
North American	12	0.30	12	10.40	12	18.20	12	19.05	British	American Metal Transport. Co.	251.0	43.6	20.2	Callao	New York	General	3,200	2,444	1,571
Datchet	12	3.00	12	11.48	12	19.39	12	22.16	British	Watts, Watts, & Co.	323.1	47.2	20.6	Antofagasta	Gibraltar[6]	Nitrate	4,650	3,418	2,442
Iowan	12	10.36	12	12.58	12	20.10	12	20.10	American	United American Lines	407.7	53.7	25.0	Seattle	Philadelphia	General	6,537	7,091	5,002
Magdala	12	12.15	12	13.12	12	21.00	12	23.25	Danish	East Asiatic Steamship Co.	359.9	51.9	24.6	Valparaiso	Hamburg	General	6,647	4,715	3,384
Ebro	12	18.05	13	7.08	13	13.49	13	17.30	British	Pacific Steam Navigation Co.	450.0	58.0	26.6	Valparaiso	New York	General	4,376	9,151	6,227
Zenen	13	12.30	13	7.45	13	15.15	13	17.00	French	French Line	425.0	55.0	25.6	Vancouver	Hull	Barley, wheat	7,000	6,982	4,934
Buenos Aires	13	4.00	13	8.25	13	16.07	13	16.07	Swedish	Johnson Line	440.0	56.0	26.0	San Francisco	Dublin	Grain	7,650	7,591	5,661
Lydonia	9	16.30	13	9.16	13	17.10	15	8.30	American	U. S. Coast and Geodetic Survey	180.0	26.0	12.6	San Diego	Jacksonville	.....	.....	.....	.....
Birmingham	.....	.....	13	9.54	13	17.10	14	1.20	American	U. S. Navy	420.0	47.0	18.2	Balboa	Cristobal[6]	.....	.....	.....	.....
Craftsman	13	8.00	13	11.08	13	18.18	13	20.40	British	T. and J. Harrison	455.4	57.0	25.1	Vancouver	Liverpool	General	8,000	7,769	5,486
Santa Ana	13	7.00	13	11.52	13	19.10	13	23.20	American	Grace Line	360.2	51.6	24.6	Talcahuano	New York	Nitrate	3,931	5,776	4,081
Australbrook	13	10.20	13	12.35	13	20.30	14	0.15	British	Commonwealth Government	375.5	52.2	19.0	Newcastle	London	Copper, general	3,732	4,860	3,579
Patoka	12	19.30	14	7.14	14	14.3	15	8.13	American	U. S. Navy	461.6	60.0	20.0	San Francisco	Norfolk	Oil	.....	.....	.....
Tatjana	13	15.0	14	7.2	14	15.5	14	15.52	Norwegian	Winge & Co.	400.9	52.6	25.6	Tocopilla	Colon[6]	Nitrate	7,913	6,169	4,297
Toluma	13	16.4	14	8.4	14	17.0	14	18.50	Norwegian	Grace Line	417.8	54.0	29.3	Punta Arenas	New York	General	9,602	7,176	5,219
Walter A. Luckenbach	13	18.1	14	9.35	14	17.3	14	17.30	American	Luckenbach Line	446.5	56.1	28.0	San Francisco	New York	General	9,100	8,785	6,567
Manavi	14	9.0	14	11.15	14	18.50	.....	.....	British	Pacific Steam Navigation Co.	216.0	35.1	15.0	Guayaquil	Cristobal	General	806	1,357	884
Havana Maru	14	10.5	14	11.26	14	19.27	14	20.50	Japanese	M. Sekijo	407.0	51.0	20.0	Singapore	New York	General	5,951	6,234	4,500
Suruga	13	19.1	15	7.00	15	14.21	16	2.44	American	Barber Line	375.3	52.0	18.0	Shimidza	New York	General	5,312	5,177	3,877
Vindeggen	14	23.0	15	7.59	15	15.06	15	15.06	Norwegian	Jone Folkman	230.8	46.8	20.10	Iquique	Delaware Riv'r	Nitrate	4,500	3,517	2,268
Euterpe	15	7.00	15	8.53	15	17.30	15	18.10	British	Sandon Shipping	339.5	47.0	23.6	Mejillones	Alexandria	Nitrate	5,538	4,386	3,167
Rhodopis	15	6.00	15	9.35	15	18.05	15	20.40	German	Kosmos Line	436.0	53.2	24.10	Corral	Hamburg	Nitrate	6,948	7,525	5,154
Borgland	15	6.30	15	10.05	15	18.40	15	21.40	Norwegian	Norway Pacific Line	362.0	51.5	25.0	Portland	Christiania	General	6,200	5,274	3,886
Garfield	15	10.00	15	12.08	15	19.35	16	20.35	American	Grace Line	299.4	45.0	18.8	Chancay	New York	General	2,000	3,238	2,010
Canadian Victor	15	14.00	15	14.58	15	22.10	15	22.10	British	Canadian Gov't. Mer. Marine	400.0	52.4	20.6	Brisbane	Halifax	General	4,500	5,956	4,160
Bethore	9	8.30	15	15.25	16	13.40	16	13.40	American	Ore Steamship Co.	550.0	72.0	32.8	Cruz Grande	New York	Iron ore	19,450	15,476	11,102
Roma	15	17.45	16	7.27	16	15.14	16	16.10	British	Rowland & Marwood	342.0	50.0	22.6	Taltal	Dunkirk	Nitrate	5,750	4,087	2,955
Peursum	16	6.00	16	8.02	16	15.45	16	17.23	Dutch	N. O. & S. A. S. S. Co.	230.0	40.0	20.2	Tocopilla	New Orleans	Nitrate	3,260	2,713	1,867
Lehigh	16	7.20	16	9.30	16	17.21	16	17.21	American	North Atlantic & Western	390.0	54.2	25.10	Seattle	Portland, Me.	General	6,650	6,142	4,276
Eagle	16	10.00	16	10.50	16	18.32	16	18.32	American	Crowell & Thurlow	410.0	56.0	27.0	Tacoma	Baltimore	General	8,034	8,243	6,266
Orcus	16	12.05	16	12.40	16	20.45	17	0.55	American	Wessel, Duval & Co.	380.2	53.1	23.0	Talcahuano	New York	Nitrate	6,999	5,667	4,227
Urubamba	16	8.00	16	14.11	16	23.1	.....	.....	Peruvian	Peruvian Line	381.2	46.1	20.0	Iloilo	Cristobal	General	.....	4,803	2,951
Ecuador	16	7.25	17	7.19	17	14.0	18	12.10	British	Royal Mail Steam Packet Co.	380.6	43.7	24.5	San Francisco	New York	General	3,799	5,926	4,178
Benreoch	17	7.40	17	8.39	17	16.10	17	20.35	British	Ben Line, Ltd.	420.0	54.0	26.0	Vancouver	Pireaus	Wheat	8,000	6,425	4,068
Toco	17	11.50	17	12.38	17	19.32	17	22.00	British	Sheridan Steamship Co.	440.8	56.0	20.0	Tocopilla	Tampico	Ballast	.....	7,693	4,885
Sabine Sun	16	22.15	17	14.20	17	21.45	17	21.45	American	Sun Co.	429.3	59.2	27.4	Los Angeles	Chester	Oil	10,300	7,898	5,459
Cepolis	17	21.00	18	7.04	18	15.05	18	16.26	British	Anglo-Saxon Petroleum Co.	400.0	52.0	26.0	Los Angeles	Gibraltar[6]	Oil	7,555	6,035	3,917
Almelo	17	23.45	18	7.57	18	16.45	19	0.02	Dutch	Royal Dutch W. I. Mail	440.0	62.6	27.6	Valparaiso	Hamburg	Nitrate, general	19,900	9,403	6,653
Benvorlich	18	6.10	18	8.30	18	16.56	18	22.25	British	Ben Line, Ltd.	400.6	52.0	24.7	Portland	Algiers	Wheat	7,396	5,770	4,073
City of Durham	18	7.00	18	10.02	18	17.07	18	21.05	British	Norton, Lilly & Co.	407.0	51.4	28.0	Vancouver	Hull	General	7,831	6,069	45,07
Orita	18	6.10	18	10.36	18	18.20	19	5.04	British	Pacific Steam Navigation Co.	502.0	58.2	28.0	Valparaiso	Liverpool	General	7,335	9,036	6,561
Lyons Maru	18	8.40	18	11.40	18	19.02	18	19.02	Japanese	Nippon Yusen Kabushiki Kaisha	445.0	58.0	19.5	Yokohama	New York	General	6,583	7,720	5,497
Paparoa	18	8.30	18	12.53	18	20.50	19	1.40	British	New Zealand Shipping Co.	430.0	54.2	24.6	Dunedin	Hull	General	4,952	7,894	5,857

[6] For orders.

Hours are expressed on the 24 hour basis and all hours greater than 12 are postmeridian.

(Continued on page 186, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, November 25, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Cuba	11	19.00	19	6.08	19	13.32	19	17.40	American	Pacific Mail Steamship Co	307.8	42.3	18.0	Cristobal	San Francisco.	General	1,200	3,429	2,206
Arcadia	18	18.07	19	7.12	19	14.40	19	19.45	Panaman	Pacific Freighters Co	399.0	49.2	16.6	Curacao	Taltal	Ballast		5,646	3,723
Lena Luckenbach	18	15.12	19	8.00	19	15.49	19	16.55	American	Luckenbach Line	425.0	53.8	29.5	Mobile	Los Angeles	General	8,800	7,217	5,295
William Rockefeller	18	20.40	19	8.48	19	16.43	19	18.00	American	Standard Oil Co	554.0	75.3	22.9	New York	Los Angeles	Ballast		14,785	10,313
Commercial Trader	18	20.51	19	9.25	19	17.30	19	18.32	American	Honolulu Steamship Co	399.0	51.0	25.10	Baltimore	Seattle	Coal, mdse	4,357	6,190	4,455
Darien[1]	19	9.00	19	9.15	19	19.26			Panaman	Henry Obarrio & Co	90.0	26.0	8.0	Cristobal	Balboa	Ballast		169	50
Port Darwin	19	5.55	19	10.45	19	18.19	19	19.20	British	Commonwealth & Dom. Line	480.4	60.0	26.8	Glasgow	Auckland	General	6,500	10,433	7,884
Bessemer City	19	9.35	19	12.25	19	19.16	19	20.30	American	U. S. Steel Products Co	442.0	56.0	25.2	Baltimore	Seattle	Steel	7,880	7,611	5,450
Mineola	19	3.15	19	12.43	19	20.08	19	23.52	American	Grace Line	298.6	40.0	15.6	New York	Salaverry	General	1,240	2,835	1,805
Rotarian	19	17.07	20	6.14	20	13.48	20	15.00	American	Wessel, Duval & Co. (S. B.)	380.3	52.1	18.0	New York	Peru	General	1,923	5,660	4,059
Tiger	19	20.30	20	7.30	20	14.46	20	15.55	American	Standard Transportation Co	410.0	56.0	20.0	Boston	Los Angeles	General	3,000	8,243	6,312
Maimoa	20	5.17	20	8.54	20	15.56	20	17.16	British	Shaw, Savill & Albion Co	477.9	63.0	26.6	London	Auckland	General	5,080	11,053	7,895
South American	19	23.08	20	11.55	20	18.06	20	19.35	British	South American Steamship Co	251.0	43.6	11.2	New York	Mollendo	General	446	2,444	1,593
Marore	20	15.57	21	6.30	21	14.20	21	15.25	American	Ore Steamship Co	550.3	72.2	25.0	New York	Cruz Grande	Ballast		15,551	4,297
Elder Branch	20	16.04	21	7.20	21	15.03	21	16.07	British	F. and W. Ritson	394.6	49.8	22.3	Liverpool	Valparaiso	General	4,240	4,951	3,592
John D. Archbold	20	18.55	21	8.05	21	15.37	21	17.20	American	Standard Oil Co	554.9	75.3	24.0	New York	Los Angeles	Ballast		14,785	10,313
Alkmaar	20	5.47	21	8.48	21	16.47	21	17.48	Dutch	Royal Netherlands W. I. Mail	447.0	62.7	20.4	Amsterdam	Valparaiso	General	3,894	9,505	6,644
Northern Star	20	18.02	21	10.42	21	17.34	21	18.55	American	American Star Line, Inc	386.3	52.0	23.6	Philadelphia	Los Angeles	General	4,000	5,682	4,086
Osiris[2]	21	6.05	21	10.25	21	18.33	21	19.35	German	Kosmos Line	376.0	51.6	23.0	Hamburg	Corral	General	4,420	5,788	4,023
Chattanooga City	21	7.38	21	11.10	21	19.12	21	20.30	American	U. S. Steel Products Co	424.2	56.2	25.6	New York	Seattle	General	7,900	7,611	5,450
G. Harrison Smith	21	9.55	21	11.45	21	20.27	21	21.45	American	International Petroleum Co	550.6	72.0	24.0	New York	Cruz Grande	Ballast		15,476	11,102
City of Newcastle	21	11.33	21	12.48	21	21.15	21	22.25	British	Ellerman Lines, Ltd	456.5	56.4	27.6	New York	Sydney	General	6,996	8,319	6,288
O-13[3]	10-23	14.23	21	13.05	21	20.35			American	U. S. Navy	175.0	15.9		Cristobal	Balboa				
Eemdijk	21	11.10	22	6.12	21	13.47	22	14.45	Dutch	Holland-American Line	469.0	58.3	20.0	Hamburg	Seattle	General	3,100	8,514	6,066
Albert G. Forse[1]	22	6.45	22	6.45	22	17.28	23	16.09	Panaman	Henry Obarrio & Co	86.0	20.0	9.0	Cristobal	Balboa	Ballast		125	31
Pearl[4]	22		22		22	8.12			Panaman	W. Cohen	26.0	7.6	4.0	Colon	Gatun			3	3
Chancellor	21	18.10	23	6.23	23	13.46	24	16.28	British	Harrison Line	398.0	52.0	15.0	Liverpool	San Francisco	General		5,377	3,800
Santa Teresa	22	12.25	23	7.16	23	14.53	23	16.00	American	Grace Line	360.2	51.6	23.0	New York	Talcahuano	General	2,313	5,726	4,086
Gudrun Maersk	23	4.52	23	7.20	23	15.06	23	16.08	Danish	A. P. Moller	362.2	51.4	16.0	Norfolk	Iquique	Ballast		4,961	3,477

[1] Tug. [2] Motor ship. [3] Submarine. [4] Launch.

Robert Luckenbach	22	23.58	23	8.10	23	15.58	23	17.20	American	Luckenbach Line	445.0	58.0	24.6	New York	Seattle	General	6,825	8,617	6,297
Saint Patrick	23	6.32	23	8.57	23	16.46	23	18.45	British	British Foreign Steamship Co	381.0	49.0	16.0	Newcastle	Callao	Ballast	.....	5,457	4,174
Manavi	14	18.50	23	9.19	23	17.24	23	22.54	British	Pacific Steam Navigation Co	216.0	35.1	13.8	Cristobal	Guayaquil	General	646	1,357	884
Urubamba	26	23.10	23	10.45	23	18.19	23	19.58	Peruvian	Peruvian Line	381.2	46.1	18.0	Cristobal	Guayaquil	General	456	4,803	2,951
Santa Rosa	24	10.55	24	11.10	24	17.19	24	22.59	American	Grace Line	404.6	53.0	16.6	Charleston	Chile	Ballast	.....	6,754	4,780
Biyo Maru	24	15.13	25	6.25	25	14.14	26	8.35	Japanese	Toyo Kisen Kaisha	400.0	53.0	18.0	New Orleans	Yokohama	General	3,312	5,969	4,414
William Penn	24	16.50	25	7.34	25	15.13	25	20.10	American	Barber Line (S. B.)	439.6	60.0	23.0	New York	Shanghai	Case oil, general	7,193	9,019	6,226
Borneo Maru	24	19.22	25	8.55	25	16.09	25	20.10	Japanese	Osaka Shosen Kaisha	385.0	51.0	26.6	New Orleans	Kobe	General	6,214	5,919	4,387
Annam [2]	24	11.55	25	9.55	25	16.47	25	17.40	Danish	East Asiatic Co	410.0	55.2	20.11	Copenhagen	San Francisco	General	5,179	7,067	5,286
Arizonan	25	9.10	25	9.15	25	17.33	25	18.22	American	American-Hawaiian Line	470.1	57.2	25.9	Liverpool	Los Angeles	General	7,100	9,158	6,970

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Blythmoor	18	15.00	19	6.55	19	15.16	19	16.12	British	Runciman & Co	420.0	54.0	28.6	Mejillones	Pensacola	Nitrate	10,172	6,963	5,008
Benjamin Brewster	19	2.00	19	7.53	19	16.00	19	18.20	American	International Petroleum Co	411.5	53.2	24.0	Talara	Habana	Oil	7,538	6,177	4,244
Patuxent	.....	.....	19	11.14	19	16.23	.....	.....	American	U. S. Navy	156.0	24.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Salvador	20	8.40	20	7.48	20	14.30	26	12.16	British	Pacific Steam Navigation Co	225.0	35.4	13.0	San Jose	Cristobal	General	365	1,270	735
El Montecillo	20	3.00	20	8.35	20	16.35	20	18.00	Spanish	Banco de Santander, Bilbao	330.0	48.0	22.1	Caleta Buena	Bilbao	Nitrate	4,859	3,464	2,310
Geisha	20	9.30	20	10.22	20	18.05	20	18.05	Norwegian	Winge & Co	375.0	51.4	24.2	Iquique	Baltimore	Nitrate	6,450	5,681	3,925
Dinteldijk	20	14.35	21	6.55	21	15.06	21	16.50	Dutch	Holland-American Line	406.6	42.0	29.0	Vancouver	Rotterdam	General	9,061	10,786	7,551
Tilthorn	20	22.00	21	7.41	21	16.41	21	16.41	Norwegian	Kerr Line	420.2	53.9	24.0	Saigon	New York	General	7,360	6,591	4,730
Haimon	21	9.00	21	9.50	21	16.51	21	18.15	German	Roland Line	360.0	45.0	14.0	San Jose	Galveston	General	100	4,350	3,117
Thebon	21	9.30	21	10.06	21	18.33	21	19.40	German	Kosmos Line	339.0	48.0	13.2	Mazatlan	Galveston	General	219	4,094	2,924
Molesey	21	10.30	21	12.07	21	20.13	21	21.41	British	Watts, Watts & Co	307.8	49.5	22.0	Coronel	Malaga	Nitrate	5,850	4,117	2,921
Robin Goodfellow	21	12.00	21	12.56	21	20.45	21	20.45	American	Sears Shipping Co	424.8	55.0	25.0	Vancouver	Baltimore	General, lumber	8,000	7,473	5,536
Chester Sun	21	12.35	21	13.37	21	22.00	21	22.00	American	Sun Co	429.3	59.2	27.0	San Pedro	Baltimore	Oil	9,998	7,684	5,299
Paul Luckenbach	21	15.15	22	6.52	22	13.55	22	13.55	American	Luckenbach Line	471.1	59.2	27.6	Seattle	New York	General	8,000	9,027	6,539
Etna Maru	22	11.00	22	11.47	22	19.55	22	23.20	Japanese	Kikusai Kisen Kaisha	415.0	55.5	27.0	Astoria	United King'm	Wheat	9,232	7,216	5,339
Katrina Luckenbach	22	7.30	22	12.57	22	20.25	22	20.25	American	Luckenbach Line	445.0	56.0	26.0	Everett	New York	General, lumber	7,564	8,508	6,179
Californian	22	12.30	22	13.40	22	21.45	22	21.40	American	United American Lines	461.1	59.8	28.0	Seattle	Hamburg	General	9,900	8,567	6,020
Cherry Branch	22	13.10	22	14.06	22	22.50	23	0.02	British	Nautilus Steamship Co	400.0	50.0	24.6	Taltal	Liverpool	General	6,650	5,403	3,967
Perene	12	11.15	23	6.51	23	15.16	25	18.50	Peruvian	Peruvian Line	284.1	39.1	18.10	Huacho	Liverpool	General	2,580	2,168	1,529
Poplar Branch	23	10.00	23	11.11	23	19.05	23	20.50	British	Nautilus Steamship Co	396.2	56.2	23.6	Iquique	Liverpool	General	7,070	6,640	5,099
Nebraska	23	9.05	24	7.07	24	14.19	24	15.30	British	Royal Mail Steam Packet Co	450.0	58.0	23.6	Seattle	Southampton	General	4,318	8,878	6,588
Huallaga	23	16.16	24	7.40	24	15.17	.....	.....	Peruvian	Peruvian Line	360.0	44.7	20.0	Iloilo	Cristobal	General	1,366	4,514	2,386
Nebraskan	23	18.00	24	8.38	24	16.06	24	16.06	American	United American Lines	395.1	56.2	24.0	Seattle	Boston	General	4,516	5,707	3,643
Byron D. Benson	24	4.30	24	11.37	24	19.00	24	19.00	American	Tidewater Oil Co	465.4	60.2	27.0	San Pedro	New York	Oil	12,000	8,546	6,095
Siam	24	0.05	24	12.57	24	20.03	24	20.03	Danish	East Asiatic Co	410.0	55.2	27.1	Valparaiso	Copenhagen	General	9,085	7,068	5,303
Sudburry	24	12.45	24	13.28	24	21.10	25	1.35	American	United-American Line	384.8	51.2	24.0	Tacoma	Baltimore	Lumber, copper	6,345	.....	.....
Havo	24	19.30	25	8.07	25	15.17	25	17.40	Norwegian	Henrik Osterood	385.0	51.0	24.0	Iquique	Wilmington	Nitrate	7,404	5,210	3,756
Terrier	24	22.00	25	8.40	25	16.37	25	18.10	Norwegian	Will Wilhelmsen	400.0	52.0	25.2	Caleta Colosa	Charleston	Nitrate	7,721	5,639	4,161
Kina	25	11.45	25	12.34	25	20.25	25	22.08	Danish	Orient Steamship Co	385.0	53.3	27.0	San Francisco	Copenhagen	General	7,050	6,080	4,618

Hours are expressed on the 24 hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS—Continued.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
Nov. 19	Santa Marta	United Fruit Co	New Orleans via Habana.	Nov. 20	Santa Marta	United Fruit Co	Bocas.
Nov. 20	Louise M. Richard [5]	A. R. Ridgely	New Orleans.	Nov. 20	Colon	Panama Railroad Steamship Line	New York via Haiti.
Nov. 21	San Gil	United Fruit Co	Boston via Habana.	Nov. 21	Louise M. Richard [5]	A. R. Ridgely	Colon.
Nov. 21	Sixaola	United Fruit Co	New York via Habana.	Nov. 22	Sixaola	United Fruit Co	New York via wayports.
Nov. 22	Willet [2]	Merritt & Chapman (S. B.)	Kingston.	Nov. 22	Crijnssen	Royal Netherlands W. I. Mail	Port Limon.
Nov. 22	Parismina	United Fruit Co	New Orleans via Habana.	Nov. 23	Parismina	United Fruit Co	New Orleans via wayports.
Nov. 22	Crijnssen	Royal Netherlands W. I. Mail	Hamburg via wayports.				
Nov. 22	Puerto Rico	French Line	St. Nazaire and wayports.	Nov. 23	Santa Marta	United Fruit Co	New Orleans.
Nov. 23	Metapan	United Fruit Co	Colombian ports.	Nov. 23	Metapan	United Fruit Co	New York, via Kingston.
Nov. 23	Santa Marta	United Fruit Co	Bocas del Toro.	Nov. 23	San Gil	United Fruit Co	Boston via Port Limon.
Nov. 24	Turrialba	United Fruit Co	New York via Kingston.	Nov. 23	Willet [2]	Merritt & Chapman (S. B.)	Kingston.
Nov. 24	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.	Nov. 23	Puerto Rico	French Line	St. Nazaire and wayports.
Nov. 24	Canopus [6]	U. S. Navy	Hampton Roads.	Nov. 25	Turrialba	United Fruit Co	Colombian ports.
Nov. 24	O-10 [3]	U. S. Navy	Hampton Roads.	Nov. 24	Camito	Elders & Fyffes, Ltd	Kingston.
Nov. 25	Crijnssen	Royal Netherlands W. I. Mail	Port Limon.	Nov. 25	Crijnssen	Royal Netherlands W. I. Mail	Amsterdam via wayports.
Nov. 25	Camito	Elders & Fyffes, Ltd	Port Limon.				

[2] Tug. [3] Submarine. [5] Schooner. [6] Sub-tender.

PORT OF BALBOA.

Nov. 19	U. S. S. Denver	U. S. Navy	La Libertad.	Nov. 20	U. S. S. Denver	U. S. Navy	Caldera, Chile.
Nov. 23	Aysen	Chilean Line	Talcahuano.	Nov. 25	Aysen	Chilean Line	Talcahuano.
Nov. 25	Akera	Anglo-Saxon Petroleum Co	San Francisco.				

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, December 2, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Balboa	25	10.17	26	6.19	26	13.44	26	15.12	American	Colombian Maritime Co	190.0	29.0	14.2	Pto. Colombia.	Tumaco	General, salt	470	737	335
Agwilake	26	6.57	26	7.35	26	14.51	26	20.30	American	Atl. Gulf & West Indies S. S. Co	468.3	62.7	19.10	New York	Los Angeles	Ballast		10,108	7,483
Kentuckian	26	7.05	26	8.30	26	15.40	26	16.35	American	American-Hawaiian Line	414.5	53.7	23.0	New York	Los Angeles	General	3,638	7,049	4,941
Nowshera	26	7.50	26	9.05	26	16.45	26	17.55	British	British India Steam Nav. Co	450.0	58.4	25.7	New York	Melbourne	General	7,398	8,207	5,427
Magellan	25	16.10	26	9.57	26	17.26	26	20.35	British	Pacific Steam Navigation Co	468.7	59.3	25.8	Hull	Corral	General	7,947	8,817	6,063
Salvador	20	14.30	26	12.16	26	18.40	27	19.53	British	Pacific Steam Navigation Co	215.0	35.4	15.8	Cristobal	Champerico	General	1,070	1,270	735
Chuky	27	17.15	28	6.30	28	14.14	28	15.50	British	Sheridan Steamship Co	440.8	56.0	26.4	Tampico	Tocopilla	Crude oil	9,505	7,636	4,942
Trident	27	21.53	28	7.38	28	15.12	28	16.25	British	Hall Brothers Steamship Co	375.0	51.1	15.0	Cardiff	Vancouver	Ballast		4,718	3,408
Keelung	27	22.37	28	8.00	28	15.53	28	16.51	British	Ellerman & Bucknell Line	400.0	52.0	26.0	New York	Brisbane	General	5,472	6,237	4,537
F. H. Hillman	27	22.45	28	8.40	28	16.45	28	17.38	American	Standard Oil Co	500.0	68.2	23.0	Philadelphia	San Francisco	Ballast		11,225	7,913
Junin	28	3.06	28	10.29	28	17.31	28	18.30	British	Pacific Steam Navigation Co	391.0	50.0	25.3	Swansea	Valparaiso	General	4,497	5,930	4,395
Cedar Branch	28	10.30	28	12.30	28	19.10	28	18.30	British	F. and W. Ritson	390.0	52.0	18.10	London	Valparaiso	General	2,527	4,912	3,642
Ruby [1]	20		28		28	12.23			American	E. J. Hooper				Cristobal	Gatun Lake	Ballast		2	1
Harry Luckenbach	28	16.00	29	6.21	29	13.37	29	14.38	American	Luckenbach Line	448.9	60.2	27.5	New York	Seattle	General	5,800	9,262	6,853
Laconia	29	6.30	29	7.30	29	15.30	29	22.50	British	Cunard Line	601.0	73.6	27.0	New York	San Francisco			22,156	16,037
Wabash	28	17.37	29	8.05	29	16.05	29	17.10	American	N. Atlantic & Western S. S. Co.	381.0	49.9	26.6	Philadelphia	Los Angeles	General	4,317	5,825	4,152
Unita	22	2.08	29	9.05	29	17.46	29	18.01	Norwegian	H. M. Wrangell & Co	338.1	48.0	20.0	New Orleans	Portland	Case oil	900	3,999	2,924
Benjamin Brewster	28	22.47	29	9.26	29	18.45	29	19.40	American	Standard Oil Co	411.7	53.2	20.0	Habana	Talara	Ballast		6,177	4,244
Melville Dollar	29	7.40	29	10.55	29	19.57	29	21.12	American	Dollar Line	429.0	55.0	25.6	New York	Los Angeles	General	7,000	7,581	5,519
Atto	24	18.51	29	12.45	29	20.25	29	21.43	German	Roland Line	360.0	51.0	19.1	Hamburg	Buenaventura	General	2,719	4,805	3,400
Kashu Maru	30	0.55	30	6.35	30	13.41	30	14.50	Japanese	Kokusai Kisen Kaisha	400.0	53.0	21.0	Galveston	Yokohama	General	4,745	5,882	4,281
Toba Maru	30	6.20	30	7.50	30	14.35	30	15.50	Japanese	Nippon Yusen Kaisha	445.0	58.0	21.0	Galveston	Yokohama	General	5,978	8,058	5,743
Hague Maru	30	6.22	30	9.38	30	16.38	30	20.40	Japanese	Osaka Shosen Kaisha	407.0	50.0	22.0	New York	San Francisco	General	3,653	6,202	4,507
Huallaga	24	15.17	30	10.30	30	17.20	30	18.12	Peruvian	Peruvian Line	360.0	44.7	19.5	Cristobal	Callao	General	308	4,514	2,386
Albert Jeffress	30	18.30	1	6.25	1	14.07	1	15.25	American	Garland Steamship Co	384.6	51.2	25.0	Mobile	Los Angeles	General	6,500	6,347	4,453
Cyclops	1	6.10	1	8.45	1	16.18	1	18.00	British	Alfred Holt & Co	485.0	58.2	28.0	New York	Shanghai	General	5,690	9,273	6,562
Gen. W. M. Graham [2]			1	9.15	1	15.49			American	U. S. Army	173.0	32.0		Cristobal	Balboa				
Orcoma	30	19.10	1	9.55	1	16.55	1	18.48	British	Pacific Steam Navigation Co	511.6	62.0	27.6	Liverpool	Valparaiso	General	2,982	12,267	7,942
Aconcagua	29	20.42	1	10.58	1	18.05	1	18.54	Chilean	Chilean Line	422.8	56.2	24.7	New York	Valparaiso	General	2,952	7,758	4,705
Saint Andre	30	12.52	1	11.36	1	18.41	1	19.28	French	French Line	397.9	50.0	16.5	Havre	Guayaquil	General	1,068	5,917	4,146
Paul Shoup	1	13.15	2	6.21	2	13.43	2	15.09	American	Associated Oil Co	424.4	58.2	23.5	Chester	San Francisco	Crude oil	6,400	7,333	5,119
D. G. Schofield	2	4.43	2	7.33	2	14.42	2	15.50	American	Standard Oil Co	439.5	58.0	22.6	Jacksonville	San Francisco	General	4,682	8,912	6,254
Kasenga	2	6.14	2	8.10	2	15.45	2	17.10	British	Ellerman & Bucknell Line	456.0	58.0	20.0	Greenock	Vancouver	Ballast		7,766	5,741
Chicago Maru	2	6.36	2	9.02	2	16.48	2	18.15	Japanese	Osaka Shosen Kaisha	410.0	51.0	26.0	Buenos Aires	Kobe	(3)	3,617	6,123	4,282
Floridian	2	12.42	2	12.50	2	19.19	2	20.35	American	American-Hawaiian Line	415.0	53.5	21.0	New York	Bellingham	General	5,311	7,273	5,105

[1] Launch. [2] Mine planter. [3] Cotton, fertilizer, and general.

Grelhead	26	3.00	26	8.19	26	15.20	26	15.20	British	Andrew Weir & Co	380.0	51.5	23.6	Callao	Marseilles	General	6,600	5,410	3,968
Orleans	26	2.00	26	8.49	26	15.43	26	15.43	American	United American Lines	395.5	55.0	27.0	Los Angeles	New York	General	8,800	7,330	5,233
Eastern Sea	26	8.45	26	9.40	26	17.42	27	15.07	American	United States & Australia Line	384.0	51.1	13.0	Sydney	Boston	General	1,600	5,934	4,415
Keltier	26	11.00	26	12.04	26	20.30	27	22.15	Belgian	Lloyds & Royal Belge	400.2	52.3	29.1	Valparaiso	Venice	Nitrate	7,252	5,718	3,987
Baron Cawdor	26	12.30	26	13.42	26	21.44	27	5.00	British	Hogarth & Son	422.0	56.2	25.2	Portland	Hampton R'ds	Wheat	7,570	5,750	4,849
Iowa	26	17.30	27	6.58	27	14.20	27	14.20	French	French Line	442.9	53.3	26.0	Vancouver	Havre	General	8,463	7,520	5,070
Devon City	27	9.15	27	8.10	27	16.05	27	17.55	British	St. Just Steamship Co	390.0	52.5	23.8	Portland	Naples	Wheat	7,301	5,540	4,283
Santa Elisa	27	5.30	27	9.05	27	15.14	27	19.25	American	Grace Line	360.3	51.7	23.1	Talcahuano	New York	General	3,522	5,957	4,325
Gymeric	27	6.25	27	9.44	27	17.30	28	0.05	British	Andrew Weir & Co	420.0	54.0	26.3	San Francisco	London	Gasoline	3,612	6,501	4,459
Chile	27	8.15	27	10.28	27	17.55	27	20.07	Danish	East Asiatic Steamship Co	425.3	55.2	27.6	Valparaiso	Copenhagen	Nitrate	9,227	7,382	5,663
Iossifoglu	27	12.05	27	12.48	27	20.30	29	16.45	Greek	Hellenic Transport Co	350.0	50.0	22.5	Coronel	Bilbao	Nitrate	6,158	4,431	3,291
West Katan	27	12.45	27	13.20	27	21.10	27	19.10	American	Swayne & Hoyt	410.5	54.3	27.2	San Francisco	Buenos Aires	General	6,179	6,573	4,901
Iolcos	28	3.00	28	7.57	28	16.18	2	13.42	Greek	Hellenic Transport Co	400.0	52.2	25.6	Mejillones	New Orleans	Nitrate	8,080	5,771	4,047
Willsolo	28	9.48	28	10.41	28	18.05	28	18.05	American	Williams Steamship Co	450.0	57.0	24.0	Portland	Baltimore	General	8,000	7,983	5,882
Shawmut	27	11.45	29	7.18	29	13.30	29	15.10	American	U. S. Navy	386.7	52.0	18.0	La Libertad	Philadelphia				
Sunbeam	28	13.50	29	7.45	29	16.30	29	15.30	American	Sun & Co	429.3	59.2	27.0	Los Angeles	Chester, Pa.	Oil	10,972	7,701	5,472
Cacique	29	4.30	29	9.02	29	19.16	29	23.42	American	Grace Line	394.2	52.3	28.0	Portland	Baltimore	General	7,280	6,652	4,913
David McKelvy	29	6.00	29	10.31	29	18.01	29	18.01	American	Tidewater Oil Co	430.0	69.2	27.0	San Pedro	New York	Oil	10,780	7,629	5,393
Steelore	29	9.00	29	14.45	30	13.05	30	13.20	American	Ore Steamship Co	550.3	72.2	31.6	Cruz Grande	New York	Iron ore	19,000	15,551	4,411
Betty			29	14.35					American	C. W. Seifert	23.7	5.8	2.9	Balboa	Gatun				
Vixen			29	14.35					American	C. W. Seifert	23.7	5.8	2.9	Balboa	Gatun				
Mystic	30	15.15	30	7.04	30	14.30	30	14.40	American	United American Lines	400.1	54.0	26.0	San Pedro	Charleston	General	7,105	6,623	2,635
Acajutla	30	15.30	30	7.54	30	14.40			British	Pacific Steam Navigation Co	215.7	33.5	14.0	San Jose	Cristobal	General	140	1,273	706
Roman Prince	30	23.00	30	8.44	30	16.25	30	17.45	British	Prince Line, Ltd	420.0	54.0	24.0	Tacoma	Hull	General	7,450	6,719	5,110
Gen. G. W. Getty			1	6.59	1	15.50			American	U. S. Army	98.0	22.0		Balboa	Cristobal				
American	1	3.30	1	7.53	1	15.40	1	17.15	American	United American Line	415.0	51.0	27.0	San Pedro	Philadelphia	General	6,800	5,918	4,113
Panaman	1	2.00	1	8.43	1	16.00	1	21.20	American	American-Hawaiian Line	407.7	53.7	25.5	Anacortes	Boston	General	6,950	7,098	5,029
Potosi	1	5.40	1	9.52	1	17.33	1	19.30	British	Pacific Steam Navigation Co	381.0	49.0	25.0	Punta Arenas	Liverpool	General	6,083	5,559	4,201
Evriken	1	8.00	1	10.40	1	17.55	1	18.54	Norwegian	Haakon J. Wallen	420.0	54.0	19.6	Cebu	Boston	Copra, hemp	3,590	6,979	5,131
Tudorstar	1	8.45	1	11.21	1	19.35	1	20.30	British	Blue Star Line	458.0	54.0	24.6	San Francisco	London	Refrig. apples	5,000	7,224	5,574
Victorious	1	10.15	1	12.40	1	21.10	2	11.07	American	Tampa Interocean S. S. Co	440.0	56.0	29.0	Saigon	New York	General	10,756	8,328	6,036
Jason	1	11.25	1	13.35	1	22.00	3	6.15	Dutch	Dutch West India Mail	358.6	48.3	22.0	Antofagasta	Havre	General	4,650	4,321	3,120
F. J. Luckenbach	1	14.30	2	7.00	2	13.50	2	13.50	American	Luckenbach Line	446.0	56.0	28.5	Portland	New York	General	7,850	8,508	6,179
San Eduardo	2	0.35	2	7.10	2	15.09	2	17.55	British	Anglo-Mexican Petroleum Co	418.0	54.0	19.6	Antofagasta	Tampico	Ballast		6,390	4,382
San Juan	2	5.50	2	10.51	2	17.24			American	Pacific Mail Steamship Co	283.0	37.0	16.0	San Francisco	Cristobal	General	380	2,378	1,593
Baron Ogilvy	2	10.40	2	11.27	2	18.40	2	21.00	British	H. Hogarth & Sons	466.0	58.0	24.6	Portland	Cristobal[4]	Wheat	7,964	7,653	5,222
Pennsylvanian	2	11.35	2	12.42	2	20.55	3	0.15	American	United American Lines	407.0	53.7	29.4	Vancouver	Hamburg	General	7,884	7,107	4,916

[4] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 222, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, December 9, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Edgar F. Luckenbach	2	16.30	3	6.26	3	13.54	3	17.38	American	Luckenbach Line	425.0	57.3	26.0	Boston	San Francisco	General	8,500	8,568	6,705
Santa Barbara	2	16.17	3	7.30	3	15.00	3	15.45	American	Grace Line	404.6	53.9	15.5	New York	Caleta Colosa	Ballast		6,789	4,746
Santa Malta	2	4.28	3	7.58	3	15.56	3	16.49	American	Atlantic & Pacific Steamship Co.	404.0	54.0	24.6	New York	Los Angeles	General	6,000	6,766	4,809
Winding Gulf	3	1.20	3	8.40	3	16.37	3	18.00	American	Castner, Curran, & Bullitt	368.6	55.0	20.0	Norfolk	Grays' Harbor	Ballast		5,677	3,603
Ammon	3	2.34	3	9.19	3	17.09	3	18.00	German	Kosmos Line	438.4	55.4	19.0	Hamburg	Guayaquil	General	2,195	7,341	5,200
George Allen	3	1.42	3	10.25	3	17.55	3	19.48	American	Garland Steamship Co	385.0	51.0	27.8	Philadelphia	Los Angeles	General	8,000	6,224	4,465
Santa Tecla	3	9.25	3	12.37	3	18.56	3	20.47	American	Grace Line	298.6	40.0	21.5	New York	Salaverry	General	1,965	2,832	1,803
Tredenham	3	17.45	4	6.25	4	13.55	4	15.20	British	Hain Steamship Co	479.7	62.2	27.0	New York	Auckland	General	7,050	9,458	6,867
Steel Exporter	3	21.30	4	7.03	4	15.06	4	16.15	American	U. S. Steel Products Co	424.2	56.2	26.7	New York	Vancouver	Steel	7,428	7,611	5,450
Port Lincoln	4	6.30	4	8.45	4	15.50	4	17.10	British	Commonwealth & Dom. Line	426.0	54.1	25.4	Cardiff	Sydney	General	2,724	7,544	5,256
Herakles	4	6.45	4	9.18	4	16.51	4	18.20	Norwegian	Bruusgaard & Co	389.8	54.1	16.0	Philadelphia	Valparaiso	General	400	5,680	4,220
West Jessup	4	9.15	4	9.35	4	17.29	4	21.45	American	Swayne & Hoyt (S. B.)	410.5	54.2	21.8	Buenos Aires	San Francisco	General	5,365	6,756	4,874
Edward Pierce	4	11.47	4	12.02	4	18.25	4	19.45	American	Crowell & Thurlow	354.2	49.0	23.0	Boston	Seattle	General	3,000	4,591	3,261
L-53 [1]			4		4	15.57			American	U. S. Army				Cristobal	Balboa				
Altair [2]	3	7.50	5	6.20	5	14.03	5	15.05	American	U. S. Navy	409.6	54.0	19.1	New York	San Diego	Naval stores	770	7,499	5,003
Laura C. Hall [3]	3	16.30	5	6.09	5	13.59	6	10.41	British	Pacific Metals Corp	81.0	25.0	9.0	Cristobal	Buenaventura	General	15	132	72
Toco	4	15.02	5	7.40	5	14.55	5	16.09	British	Sheridan Steamship Co	440.0	56.0	26.6	Tampico	Tocopilla	Crude oil	9,443	7,693	4,885
Cape May	4	19.25	5	8.25	5	15.59	5	17.12	American	U. S. & Australia Line (S. B.)	415.0	53.7	25.0	New York	Brisbane	General	5,500	7,072	4,944
Robert Dollar	5	0.06	5	8.55	5	16.50	6	1.30	British	Dollar Line	523.5	65.7	21.0	New York	Vancouver	Gen., phosphates	7,011	12,370	8,885
Statesman	5	13.12	5	13.25	5	20.45	5	22.35	British	Harrison Line	423.0	53.0	24.0	Glasgow	Vancouver	General	5,884	6,361	4,592
Stanley Dollar	4	5.49	5	13.35	5	21.01	6	2.20	American	Dollar Line	288.8	44.6	20.0	Baltimore	Los Angeles	General	2,418	3,460	2,404
Tuscaloosa City	5	13.35	6	6.25	6	13.55	6	15.25	American	Isthmian Line	424.0	56.2	25.0	New Orleans	Yokohama	(6)	7,412	7,611	5,450
Evelyn	5	13.20	6	7.25	6	14.53	6	16.05	American	A. H. Bull & Co	313.6	46.0	20.5	New York	Los Angeles	General	3,800	3,615	2,560
Santa Veronica	6	7.00	6	7.45	6	16.07	6	21.30	American	American & Cuban Steamship Co.	251.0	43.6	23.6	Baltimore	San Francisco	(7)	3,467	2,823	1,740
Henderson [4]	6	9.20	6	10.55	6	17.00	7	7.10	American	U. S. Navy	483.0	61.0	22.4	Hampton R'ds	San Francisco	Naval stores	525		
Humaconna [5]	5	20.20	6	11.35	6	17.36	6	18.55	American	Merrill Ring Lumber Co	142.0	27.0	15.0	Norfolk	Seattle	Ballast		446	114
Otarama	6	9.00	7	6.29	7	13.45	7	14.55	British	New Zealand Shipping Co	454.0	56.3	29.11	Liverpool	Auckland	General	6,718	7,981	5,518
Santa Ana	6	14.04	7	7.55	7	14.55	7	15.55	American	Grace Line	360.2	51.6	22.8	New York	Talcahuano	General	1,418	5,776	4,081
Peursum	7	5.55	7	7.38	7	15.10	7	22.40	Dutch	Vinke & Co	280.0	40.0	20.2	New Orleans	Talcahuano	General	1,487	2,713	1,867
Calgarolite	6	20.45	7	8.15	7	16.04	7	18.27	British	Imperial Oil Co	464.0	60.0	21.2	Montreal	Talara	Ballast		8,491	6,096
Bethore	7	2.33	7	8.57	7	17.01	7	18.27	American	Ore Steamship Co	550.3	72.2	25.0	New York	Cruz Grande	Ballast		15,476	11,102
Elveric	7	7.17	7	9.35	7	18.05	7	19.56	British	Bank Line, Ltd	399.6	53.0	23.0	New York	Shanghai	General, oil	6,020	6,277	4,497
K. I. Luckenbach	5	13.58	7	12.40	7	19.21	7	20.40	American	Luckenbach Line	447.0	56.0	25.7	Boston	San Francisco	General	5,800	8,552	6,236
Mongolian Prince	7	19.06	8	6.32	8	14.10	8	15.20	British	Prince Line, Ltd	423.5	56.0	24.0	Hull	Vancouver	General	6,800	6,460	4,735
Ipswich	7	12.30	8	7.32	8	14.57	8	16.30	American	Shawmut Line	400.7	52.2	24.6	Charleston	Portland	General	7,328	6,616	4,614

[1] Launch. [2] Destroyer tender. [3] Motor schooner. [4] Transport. [5] Tug. [6] Steel, cotton, and sulphate of ammonia. [7] Steel, tin plate, and general.

Nitokris	7	18.40	8	7.55	8	15.48	8	16.50	German	Kosmos Line	410.9	50.6	22.7	Hamburg	Guayaquil	General	3,243	6,652	4,704
Munsomo	7	23.39	8	8.45	8	16.47			American	Munsomo Steamship Co	327.2	46.0	19.3	New York	Seattle	General	2,587	3,750	2,728
San Juan	2	17.24	8	8.45	8	16.05	8	21.30	American	Pacific Mail Steamship Co	283.0	37.0	18.4	Cristobal	San Francisco	General	1,373	2,379	1,593
Montpelier	8	1.48	8	9.12	8	17.34	8	18.27	American	Amer. Ship. & Commerce Co.	460.0	57.9	26.0	Philadelphia	San Francisco	General	9,000	6,368	4,161
Sabine Sun	7	19.58	8	10.50	8	18.33	8	19.40	American	Sun Steamship Co	429.0	59.2	19.0	Chester	Los Angeles	Ballast		7,898	5,459
Dryden	8	8.22	8	11.05	8	19.33	8	21.22	American	Tampa Interoceanic Co. (S. B.)	434.3	57.7	25.0	New Orleans	Shanghai	General	6,925	7,983	5,882
Patuxent[5]			8	12.55	8	14.38			American	U. S. Navy	156.0	24.0		Cristobal	Gatun				
Nictheroy	8	15.14	9	6.20	9	13.44	10	17.08	British	Royal Mail Steam Packet Co	450.0	58.0	19.0	Newcastle	Seattle	Ballast		8,874	6,558
Steel Voyager	8	15.31	9	7.30	9	15.00	9	16.20	American	U. S. Steel Products Co	395.0	55.0	26.0	Galveston	Yokohama	General	8,200	7,285	5,256
Moorish Prince	8	10.40	9	8.21	9	16.10	9	17.16	British	Prince Line, Ltd	425.5	56.4	26.2	New York	Hongkong	General	6,777	7,629	5,707
Steel Maker	8	13.45	9	8.55	9	17.04	9	18.05	American	U. S. Steel Products Co	396.0	55.0	27.2	Baltimore	Los Angeles	General, steel	8,971	7,285	5,256
Gen. G. W. Goethals	7	6.28	9	9.20	9	17.50	9	20.59	American	Panama Railroad Steamship Line	353.0	48.7	22.5	New York	Guayaquil	General	538	5,125	3,564
Redondo	9	1.10	9	9.15	9	17.58	9	19.18	American	Susquehanna Line, Inc	341.0	48.2	23.0	New Orleans	Seattle	General	5,200	4,419	3,230
Nordlys	9	6.30	9	10.22	9	18.41	9	19.52	Danish	Norton Steamship Co	362.0	51.5	14.0	Norfolk	Tocopilla	Ballast		4,932	3,468
Ares	9	8.47	9	11.10	9	19.07	10	13.50	Dutch	Royal Netherlands W. I. Mail	340.0	48.0	20.0	Newcastle	Callao	Coal, coke	4,400	4,385	3,195
Jan Van Nassau	8	1.10	9	11.55	9	19.59	10	6.31	Dutch	Royal Netherlands W. I. Mail	346.0	44.0	19.6	London	Corral	General	2,378	3,819	2,632

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Montana	2	22.30	3	7.57	3	15.32	3	15.32	American	Atlantic Transport. Co	419.5	56.5	27.8	San Pedro	Philadelphia	General	8,642	8,696	6,315
Laura C. Hall	2	8.15	3	8.08	3	16.30	5	6.00	British	Pacific Metals Corp	81.0	26.0	10.0	Buenaventura	Cristobal	Gold, platinum	87	132	72
Saint Jean	3	5.00	3	8.57	3	16.50	4	10.40	French	French Line	415.0	50.3	25.0	Valparaiso	Havre	Nitrate, general	6,670	5,849	4,081
Ensley City	3	9.00	3	9.58	3	16.55	3	16.55	American	Isthmian Lines	395.5	55.0	27.4	San Francisco	New York	General	8,147	7,285	5,256
Florence Luckenbach	3	9.00	3	10.45	3	17.46	3	17.46	American	Luckenbach Line	401.8	52.0	24.0	Los Angeles	Mobile	General	6,100	6,002	4,621
Samuel Q. Brown	3	3.00	3	12.44	3	19.07	3	20.45	American	Tidewater Oil Co	424.4	58.2	25.6	San Pedro	New York	Oil	10,000	7,333	5,246
Billy B.[1]			3						American	Ferrari & Brid	24.4	5.4	3.0	Balboa	Cristobal			2	2
Sherman	4	5.00	4	7.47	4	15.37	4	15.37	American	Chile Steamship Co	400.3	45.3	27.2	Antofagasta	NewYork	Nitrate, copper	6,075	5,037	3,492
Robin Adair	4	7.00	4	8.49	4	16.53	4	16.53	American	Seas Shipping Co	424.8	55.2	25.0	Everett	New York	General	8,200	7,470	5,529
Argosy	4	7.30	4	9.45	4	17.40	4	17.40	American	Wessel & Duval	390.0	54.2	25.0	Caleta Buena	Colon[8]	Nitrate	7,192	6,203	4,280
Baychimo	4	6.00	4	10.35	4	18.10	4	20.00	British	Hudson Bay Co	229.2	36.0	15.0	Eureka	Belfast	Redwood	1,150	1,362	891
Nevadan	4	9.30	4	11.50	4	19.22	4	19.22	American	United American Lines	395.0	55.2	24.0	Tacoma	Philadelphia[8]	General, lumber	6,000	5,671	3,627
Oregon Maru	4	10.30	5	7.16	5	14.52	5	14.52	Japanese	Kawasaki Dock Yard Co	385.0	51.0	26.1	Iquique	Fayal[8]	Nitrate	7,800	6,251	4,700
Saint Bede	5	5.30	5	7.47	5	16.04	5	17.30	British	Rankin Gilmoure Co	384.9	52.0	22.11	Callao	Liverpool	General	6,564	5,212	3,598
Cambrai	4	16.00	6	6.40	6	13.30	6	13.45	American	U. S. Army	448.0	58.0	25.0	San Francisco	New York	General	(9)		
Stanley	4	23.56	6	7.57	6	15.20	6	22.10	American	Barber Line	401.7	54.8	20.0	Hongkong	New York	General	5,500	6,933	5,187
Gen. O. H. Ernst	4	17.40	6	8.45	6	15.58	9	14.45	American	Panama Railroad Steamship Line	356.4	45.3	22.0	Guayaquil	New York	General	2,048	4,503	2,764
Standard	5	21.00	6	9.39	6	17.55	6	17.55	American	Standard Oil Co	524.0	69.0	30.0	San Pedro	New York	Oil	(10)	12,171	9,012
Point Judith	6	7.22	6	10.44	6	18.15	7	6.23	American	Pacific Mail Steamship Co	289.0	44.0	21.4	San Francisco	New York	General	2,938	2,895	1,982
Delaware Sun	6	1.00	6	11.40	6	19.28	6	19.28	American	Sun Co	480.3	66.0	27.9	San Pedro	Philadelphia	Oil	13,620	9,402	6,586
Chiton	6	3.00	6	12.40	6	20.32	6	20.32	British	Anglo-Saxon Petroleum Co.	400.3	52.2	25.0	San Pedro	United King[8]	Oil	5,792	6,014	4,107
Mantaro	6	12.00	6	13.56	6	21.30			Peruvian	Peruvian Line	367.3	46.0	23.0	Iloilo	Cristobal	General	3,057	4,838	2,959
Munakres	6	17.50	7	7.45	7	14.18	7	14.18	American	Munson Line	370.0	53.1	23.6	Grays' Harbor	New York	Lumber	5,500	5,577	4,225

[8] For orders. [9] 477 cubic feet. [10] 120,000 barrels.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Ortega	7	2.00	7	8.20	7	15.58	7	20.20	British	Pacific Steam Navigation Co.	465.0	56.0	25.3	Valparaiso	Liverpool	General	5,253	8,345	4,998
York City	7	12.00	7	12.50	7	20.25	8	11.45	British	Readon Smith Line	412.0	55.0	29.0	Vancouver	Falmouth [11]	Wheat	9,000	7,038	5,166
Santa Paula	7	13.00	7	13.58	7	20.56	7	20.56	American	Pacific Mail Steamship Co	404.6	54.0	27.0	Seattle	New York	General	6,966	6,756	4,775
William A. McKenny	7	23.00	8	7.50	8	15.10	8	17.55	American	Crowell & Thurlow	395.0	55.1	26.6	Portland	New York	General, lumber	7,000	6,531	4,528
Hoven	8	0.15	8	8.51	8	16.28	8	16.28	American	Walter & Daly	434.8	56.2	24.0	Port San Luis	Norfolk	Oil	8,900	7,587	5,305
Benjamin Brewster	8	2.00	8	9.40	8	17.48	8	17.48	American	International Petroleum Co	411.6	53.2	26.2	Talara	New York	Oil	8,037	6,177	4,244
Borgestad	8	7.30	8	10.38	8	18.48	8	18.48	Norwegian	Anglo-Mexican Petroleum Co	360.3	51.3	18.0	Valparaiso	Tampico	Ballast	.....	4,905	3,711
Andrea F. Luckenbach	8	16.30	9	7.05	9	15.00	9	15.00	American	Luckenbach Line	496.0	68.2	29.0	Los Angeles	Philadelphia	General, lumber	12,000	11,487	8,762
Bacoi	8	5.15	9	7.53	9	15.14	9	17.10	American	Gillespie Steamship Co	248.0	42.5	16.6	Tacoma	New York	Coconut oil	1,131	1,931	1,323
Acasta	8	18.30	9	9.05	9	16.20	9	18.07	British	Anglo-Saxon Petroleum Co	400.0	52.4	25.3	Los Angeles	Lisbon	Oil	([12])	6,134	4,604
Astronomer	9	2.30	9	9.46	9	17.20	9	17.40	British	T. and J. Harrison	482.7	58.0	28.0	Vancouver	London	General	10,500	8,898	6,334
Willfaro	9	12.00	9	12.53	9	19.50	9	19.50	American	Williams Steamship Co	386.8	52.2	24.0	Seattle	New York	General, lumber	5,902	5,680	4,162

[11] For orders. [12] 48,000 barrels. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
December 3	Panama	Panama Railroad Steamship Line	New York via Haiti.
December 3	Atenas	United Fruit Co	New Orleans via Habana.
December 3	Ulua	United Fruit Co	Port Limon.
December 3	Oranje Nassau	Royal Netherlands W. I. Mail	Amsterdam via wayports.
December 4	Perou	French Line	Havre via wayports.
December 5	Toloa	United Fruit Co	New York via Habana.
December 6	Heredia	United Fruit Co	New Orleans via Habana.
December 6	San Bruno	United Fruit Co	Boston via Habana.
December 6	Tivives	United Fruit Co	New York via Kingston.
December 6	Carrillo	United Fruit Co	Colombian ports.
December 7	Atenas	United Fruit Co	Bocas del Toro.
December 8	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.
December 8	Median	Leyland Line	Liverpool via wayports.
December 9	Canfield	Pan-American Pet. & Trans. Co	Tampico.

*DEPARTURES.

Date.	Vessel.	Line.	For—
December 3	Ulua	United Fruit Co	New York via Habana.
December 4	Atenas	United Fruit Co	Bocas del Toro.
December 5	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.
December 6	Cristobal	Panama Railroad Steamship Line	Norfolk.
December 6	San Bruno	United Fruit Co	Boston via Port Limon.
December 6	Toloa	United Fruit Co	New York via wayports.
December 6	Heredia	United Fruit Co	New Orleans via wayports.
December 7	Tivives	United Fruit Co	Colombian ports.
December 7	Carrillo	United Fruit Co	New York via Kingston.
December 7	Atenas	United Fruit Co	New Orleans.
December 8	Perou	French Line	Havre via wayports.
December 8	Oranje Nassau	Royal Netherlands W. I. Mail	Amsterdam via wayports.
December 9	Panama	Panama Railroad Steamship Line	New York via Haiti.
December 9	Median	Leyland Line	Galveston.

PORT OF BALBOA.

December 3	Rosana	Alberto Fait & Co	Punta Arenas, C. R.	December 5	Darien	Henry Obarrio & Co	Buenaventura.
December 6	Del Rosa	General Steamship Corp	Seattle.	December 6	Del Rosa	General Steamship Corp	Valparaiso.
December 6	San Joaquin	W. Wilhelmsen	Los Angeles.	December 7	Rosana	Alberto Fait & Co	Punta Arenas, C. R.
				December 8	San Joaquin	W. Wilhelmsen	Los Angeles.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, December 16, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Republic	9	21.45	10	6.40	10	14.07	10	15.10	American	Chile Steamship Co	345.1	49.1	18.4	New York	Antofagasta	General	1,740	4,393	3,006
Irish Monarch	10	0.10	10	7.30	10	14.58	10	16.18	British	Raeburn and Verel	385.4	48.7	15.6	Boston	Iquique	Ballast		4,662	3,397
Neponset	10	1.51	10	8.12	10	15.53	10	17.25	American	U. S. Shipping Board	434.3	57.7	26.6	New York	Seattle	General	7,145	7,893	5,621
Ebro	9	16.53	10	9.18	10	16.40	10	18.35	British	Pacific Steam Navigation Co	450.0	57.0	24.0	New York	Valparaiso	General	1,858	9,151	6,227
Missourian	10	9.15	10	10.00	10	17.39	10	16.42	American	American-Hawaiian Line	445.1	59.8	23.6	New York	Seattle	General	8,000	8,567	6,020
Acajutla	11-30	14.40	10	12.42	10	18.30	10	21.43	British	Pacific Steam Navigation Co	215.7	33.5	15.0	Cristobal	Champerico	General	803	1,273	706
Delaware	10	12.20	11	6.25	11	13.43	11	17.05	British	Anglo-American Oil Co	345.0	44.3	22.10	London	San Francisco	Ballast		3,968	2,512
Venezuela	8	8.05	11	12.03	11	18.00	12	1.32	Italian	Italian Line	437.2	51.6	23.6	Genoa	Valparaiso	General	1,016	7,596	5,011
Lochkatrine [1]	10	17.35	11	12.35	11	19.07	11	20.01	British	Royal Mail Steam Packet Co	485.4	62.3	22.8	Hamburg	Vancouver	General	5,410	10,802	7,595
Conus	11	14.38	12	6.35	12	13.59	12	18.19	British	Anglo-Saxon Petroleum Co	400.0	52.0	19.0	Malta	Los Angeles	Ballast		6,047	4,137
Caprella	11	16.00	12	7.30	12	14.48	12	19.05	British	Anglo-Saxon Petroleum Co	400.0	52.0	21.0	Rouen	Los Angeles	Ballast		6,063	4,087
Santa Rosalia	11	22.55	12	8.19	12	15.37	12	16.50	American	U. S. Steel Products Co	406.0	52.6	20.0	New York	Talcahuano	General	3,754	5,900	4,443
Santa Eulalia	12	4.03	12	8.55	12	17.25	12	23.12	American	American & Cuban Line	251.0	43.6	25.0	Baltimore	San Francisco	General	3,264	2,823	1,730
Strathlorne	12	18.18	13	6.25	13	13.49	13	15.15	British	Strathlorne Steamship Co	376.0	52.2	16.6	Charleston	Port Townsend	Ballast		4,799	3,625
Antonio Lopez	11	13.14	13	7.09	13	14.49			Spanish	Spanish Line	430.0	50.0	22.11	Barcelona	Balboa [5]	General	623½		
Sciota [2]			13	7.45	13	14.34	13		American	U. S. Navy	155.0	30.0		Cristobal	Balboa				
Plum Branch	13	2.44	13	7.55	13	15.46	13	16.43	British	Nautlius Steamship Co	396.0	53.9	20.0	Glasgow	Valparaiso	Patent fuel, gen.	3,545	5,761	3,881
Byron D. Benson	13	6.15	13	8.18	13	17.17	13	18.12	American	Tidewater Oil Co	465.4	60.2	20.0	New York	Los Angeles	Ballast		8,546	6,095
City of Bagdad	13	6.46	13	9.27	13	18.10	13	19.27	British	Ellerman & Bucknell Line	470.0	58.0	22.0	New York	Yokohama	General	5,236	8,497	5,984
Apurimac [3]	13	7.23	13	10.30	14	14.26	15	13.38	Peruvian	Peruvian Line	382.0	48.2	24.0	Liverpool	Callao	Coal	4,818¾	4,867	3,544
Lord Ormonde	11	13.47	13	11.00	13	19.05	13	20.23	British	Lord Ormonde Steamship Co	360.0	46.0	14.0	New York	Buenaventura	General	282	4,563	3,406
Coahuila [4]	7	20.43	13	11.10	13	19.01	13	20.10	Mexican	Mexican Government	305.0	45.0	13.10	Trinidad	Salina Cruz			3,105	2,292
Huanchaco	11	14.27	13	11.46	13	19.55	13	21.10	British	Pacific Steam Navigation Co	390.0	50.0	24.3	Hull	Corral	General	4,225	5,905	4,391
Orinoco	13	9.08	13	12.10	13	20.34	13	21.30	American	Orinoco Steamship Co	376.0	52.0	19.10	New York	Los Angeles	General	4,400	5,455	3,902
Homestead	13	13.32	13	13.35	13	21.16	13	22.13	American	N. Atl. & West. S. S. Co. (S. B.)	395.5	55.0	20.6	Philadelphia	Los Angeles	General	4,114	7,285	5,256
Canadian Planter	13	21.12	14	8.45	14	16.02	14	17.15	British	Canadian Government	400.3	52.0	24.6	Montreal	Brisbane	General	7,000	5,842	4,092
Mantaro	6	21.30	14	11.45	14	21.15	15	11.52	Peruvian	Peruvian Line	367.3	46.0	16.8	Cristobal	Callao	General	1,258	4,838	2,959
William Campion	14	17.30	15	6.33	15	14.51	15	16.15	American	Garland Steamship Corp	384.4	51.2	26.2	New Orleans	Los Angeles	General	7,021	6,327	4,433
Ecuador	14	13.55	15	7.16	15	15.21	16	1.20	American	Pacific Mail Steamship Co	380.0	48.7	21.11	New York	San Francisco	General	3,700	5,926	4,178
Walter A. Luckenbach	15	9.40	15	10.10	15	17.26	15	18.25	American	Luckenbach Line	446.5	56.1	26.0	New York	Los Angeles	General	6,500	8,785	6,567
Targis	15	9.20	15	11.08	15	18.58	16	14.25	German	Roland Line	264.5	42.3	16.0	Hamburg	Puntarenas	General	1,610	2,174	1,320
City of Manila	14	11.42	15	12.55	15	20.00	15	21.24	British	Ellerman & Bucknell Line	475.0	58.0	24.0	New York	Brisbane	General	6,791	9,677	7,504
Ruapehu	16	3.24	16	9.20	16	16.14	17	1.11	British	New Zealand Shipping Co	457.3	58.0	24.0	London	Wellington	General	3,609	9,106	6,855

[1] Motor ship. [2] Tug. [3] Ex *Paita*. [4] Transport. [5] For repairs.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Argonne	8	11.00	10	9.30	10	16.48	11	0.10	American	U. S. Navy	448.0	58.0	22.0	San Francisco	New York	Govt. supplies	253			
Colombia	9	14.20	10	10.30	10	18.07	11	12.00	American	Pacific Mail Steamship Co	380.0	48.7	25.0	San Francisco	New York	General	3,262	6,015	4,281
Pyro	8	11.30	11	7.06	11	13.40	11	17.00	American	U. S. Navy	483.0	60.1	20.0	San Diego	Hampton R'ds	Navy stores	26			
Santa Luisa	11	6.30	11	9.01	11	15.31	11	20.15	American	Grace Line	360.2	51.6	22.7	Talcahuano	New York	Nitrate, copper	3,364	5,694	3,975
Alvarado	11	7.30	11	9.40	11	16.40	12	10.00	British	Pacific Steam Navigation Co	303.0	43.0	19.0	Guayaquil	New York	General	1,847	2,844	1,748
Steel Engineer	11	9.00	11	10.41	11	18.12	12	8.05	American	U. S. Steel Products Co	424.2	56.2	25.11	Portland	London	General	8,235	7,611	5,450
Cardiganshire	9	13.30	11	13.10	11	21.04	11	21.04	British	Royal Mail Steam Packet Co	500.0	62.4	29.6	Vancouver	London	General	9,688	11,420	8,385
Deerfield	12	2.30	12	7.39	12	14.50	12	14.50	American	Elder Steel Steamship Co	434.3	57.7	23.6	Seattle	Baltimore	General	4,593	7,893	5,647
William Rockefeller	12	9.10	12	10.09	12	17.53	12	17.53	American	Standard Oil Co	554.9	75.3	32.3	Los Angeles	New York	Oil	(10)	14,785	10,313
Robert E. Hopkins	12	8.15	12	11.29	12	19.05	12	19.05	American	Tidewater Oil Co	424.4	58.2	27.0	San Pedro	New York	Oil	10,205	7,333	5,244
Edgemoor	9	15.30	12	12.49	12	20.08	12	20.08	American	U. S. Army	409.6	54.2	19.0	San Francisco	Brooklyn	Hay and stores			
Benmohr	12	11.45	12	13.28	12	21.40	12	23.50	British	Ben Line	390.3	52.2	23.0	Portland	Newport News	Wheat	6,636	5,203	3,899
Camilla Gilbert	12	9.30	12	14.29	12	22.16	12	22.16	Norwegian	Kerr Line	399.5	53.0	22.0	Vancouver	New York	Lumber	(11)	6,199	4,513
Culebra[6]			12	8.20					American	Dredging Div., Panama Canal	288.0	47.6	25.0	Balboa	Miraflores				
Dakotan	13	9.13	13	10.02	13	17.02	13	17.02	American	United American Lines	407.7	53.7	28.0	Los Angeles	New York	General	8,233	7,156	5,068
Balboa	11	4.57	13	10.56	13	18.30			American	Stone & Yard	190.0	29.1	14.6	Esmeraldas	Pto. Colombia	General	57	737	335
Essequibo	13	13.04	13	15.08	13	21.30	14	22.50	British	Pacific Steam Navigation Co	450.0	58.0	25.2	Coronel	New York	General	4,178	9,099	6,117
Chifuku Maru	14	2.00	14	8.10	14	15.32	15	9.52	Japanese	T. Tamura	385.0	51.0	25.0	Vancouver	Europe	Wheat	7,313	5,119	4,400
Laurel Branch	14	8.00	14	9.07	14	17.00	14	19.40	British	F. and W. Ritson	360.2	46.0	23.0	Mejillones	Liverpool	General	5,189	4,182	3,047
G. Harrison Smith	13	17.00	14	11.59	15	10.00	15	10.00	British	International Petroleum Co	550.0	72.0	34.10	Cruz Grande	New York	Iron ore	20,000	15,476	11,102
Hagelsberg	6	22.30	15	7.06	15	16.22			British	F. D. Eberhardt	340.1	45.1	23.6	Ocean Island	United King[9]	Phosphate	5,600	4,653	3,379
Agwistar	15	3.00	15	7.58	15	14.45	15	14.45	American	New York & Cuban Mail	370.0	53.1	24.6	Seattle	Philadelphia	General, lumber	6,060	5,523	4,203
John D. Archbold	15	1.30	15	8.40	15	16.55	15	17.30	American	Standard Oil Co	554.9	75.3	31.0	Los Angeles	New York	Oil	20,024	14,785	10,313
Indian City	15	6.00	15	9.13	15	17.15	15	17.15	British	St. Just Steamship Co	411.7	54.5	25.0	Vancouver	Portland	Lumber	7,500	6,512	4,665
Grace Dollar	15	1.00	15	12.46	15	19.55	15	19.55	British	Dollar Line	412.4	55.8	26.0	Vancouver	New York	Lumber, general	8,231	7,118	5,196
Havre Maru	15	13.00	15	14.15	15	22.08	15	22.08	Japanese	Osaka Shosen Kaisha	407.3	50.10	24.0	Singapore	New York	General	7,350	6,234	4,496
O-14[7]			15	14.45	15	22.06			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
Ruahine	15	5.00	16	6.59	16	14.07	16	19.30	British	New Zealand Shipping Co	480.6	60.3	27.0	Auckland	London	General	5,691	11,027	8,188
Mineola	15	24.00	16	8.55	16	15.38	16	20.50	American	Grace Line	298.6	40.0	18.0	Salaverry	New York	General	2,114	2,335	1,805
Sciota[8]			16	9.05	16	15.20	18	7.50	American	U. S. Navy	135.0	30.0		Balboa	Cristobal				
Marore	16	9.20	16	12.20	17	10.00	17	11.05	American	Ore Steamship Corp	550.3	72.2	32.6	Cruz Grande	Baltimore	Iron ore	20,000	15,551	4,297
Ucayali	16	6.30	16	14.43	16	21.58			Peruvian	Peruvian Line	374.7	46.3	18.9	Callao	Cristobal	General	1,383	4,466	2,405

[6] Dredge. [7] Submarine. [8] Tug. [9] For orders. [10] 144,500 barrels. [11] 4,200,000 feet, B. M. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Dec. 10	Santa Marta	United Fruit Co	New Orleans via Habana.
Dec. 12	Calamares	United Fruit Co	New York via Habana.
Dec. 12	San Blas	United Fruit Co	Boston via Habana.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Dec. 11	Santa Marta	United Fruit Co	Bocas del Toro.
Dec. 11	C. A. Canfield	Pan.-American Pet. & Transp. Co.	Tampico.
Dec. 11	Albaro	Italian Line	Genoa, via wayports.

Continued on page 242, column 2.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, December 23, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
David McKelvy	16	20.00	17	6.25	17	15.36	17	16.38	American...	Tidewater Oil Co	430.0	59.2	18.0	New York	Los Angeles	Ballast		7,629	5,393
Steel Inventor	17	3.55	17	7.34	17	16.30	17	17.27	American...	U. S. Steel Products Co	425.0	54.0	25.10	New York	Vancouver	General, steel	7,800	7,611	5,450
Iowan	17	4.20	17	8.55	17	19.10	17	20.12	American...	American-Hawaiian Line	407.7	53.7	23.0	New York	Los Angeles	General	6,326	7,091	5,002
Siberian Prince	17	7.47	17	9.25	17	20.13	17	21.32	British	Prince Line, Ltd	423.0	56.0	22.0	Antwerp	Vancouver	General	5,119	6,267	4,565
Lake Bridge	15	18.10	17	10.40	17	19.35	17	20.45	American...	E. K. Wood Lumber Co	252.0	43.5	15.10	Baltimore	Vancouver	Coal	1,077	2,291	1,486
Almagro	16	6.30	17	10.43	17	19.00	17	21.47	British	Mac Andrews & Co	303.0	43.0	19.1	New York	Guayaquil	General, salt	2,217	2,878	1,714
Launch from U. S. S. Quail	...	...	17	...	17	9.32	18	...	American...	U. S. Navy	...	...	...	Cristobal	Gatun	...	...	...	...
Culna	18	7.30	18	7.50	18	15.04	18	17.15	British	British India Steam Nav. Co	430.5	54.2	26.6	New Orleans	Adelaide	General	6,750	6,372	4,274
Sciota[1]	16	15.20	18	7.50	18	17.13	18	...	American...	U. S. Navy	155.0	30.0	...	Cristobal	Balboa	Towing barge	...	...	...
Viborg	18	7.52	18	8.55	18	17.29	18	19.00	Danish	Dannebrog Steamship Co	283.4	42.1	13.0	Cienfugeos	Iquique	Ballast	...	2,578	1,795
Port Elliot	18	7.58	18	10.35	18	18.15	18	21.00	British	Commonwealth & Dom. Line	471.0	58.4	24.6	London	Wellington	General	3,100	9,775	6,840
Breda	17	3.18	18	10.54	18	19.50	18	21.00	Dutch	Royal Netherlands W. I. Mail	402.5	58.3	19.6	Antwerp	Guayaquil	General	3,500	7,384	5,226
Westmoreland	18	9.45	19	6.23	19	14.48	19	15.44	British	Federal Steam Navigation Co	473.0	60.0	30.5	Liverpool	Dunedin	General	8,376	10,385	7,505
Commercial Guide	18	18.17	19	7.28	19	16.21	19	22.07	American...	Nyanza Steamship Co	406.7	55.2	24.8	New York	Seattle	General, coal	5,400	6,597	4,752
Georgian	18	20.30	19	8.47	19	17.17	19	18.28	American...	American-Hawaiian Line	386.8	52.2	22.4	Philadelphia	Seattle	General	5,864	5,719	4,023
Cardita	20	6.55	20	7.35	20	15.01	20	19.55	British	Anglo-Saxon Petroleum Co	400.3	52.2	21.0	Las Palmas	Los Angeles	Ballast		6,023	4,111
Nordkap	20	7.15	20	7.55	20	16.00	20	19.00	Danish	Peter Brown	340.1	42.7	20.6	Norfolk	Taltal	Coal	2,161	3,755	2,712
Pawnee	20	7.30	20	11.55	20	18.06	20	19.30	Panaman...	California Steamship Co	389.3	47.6	17.6	Newport News	Eureka	Ballast		5,282	3,863
Devolente	20	12.23	20	12.35	20	19.21	20	20.45	American...	Walker & Daily (S. B.)	435.0	56.0	17.6	Galveston	Los Angeles	Ballast		7,613	5,312
Horace Luckenbach	20	18.35	21	6.27	21	13.45	21	14.50	American...	Luckenbach Line	445.0	58.0	22.11	New York	Los Angeles	General	6,569	8,626	6,290
Santa Elisa	20	19.12	21	7.06	21	15.15	21	16.17	American...	Grace Line	360.0	51.7	24.3	New York	Talcahuano	General	2,434	5,957	4,325
Charlton Hall	21	6.30	21	7.55	21	16.10	21	23.18	American...	U. S. Steel Products Co	400.0	50.0	25.5	Baltimore	Seattle	General, steel	6,611	5,714	4,161
Samuel Q. Brown	21	8.05	21	9.00	21	16.59	21	15.10	American...	Tidewater Oil Co	424.4	58.2	19.0	New York	Los Angeles	Ballast		7,333	5,246
Nordfarer	21	6.50	21	9.10	21	18.35	22	23.59	Danish	Peter Brown	363.5	47.4	14.1	Newport News	Iquique	Ballast		4,289	3,106
Ucayali	16	21.58	21	10.45	21	19.18	21	22.35	Peruvian...	Peruvian Line	374.0	46.0	18.10	Cristobal	Callao	General	558	4,466	2,405
Grange Park	21	8.48	21	11.15	21	20.12	22	14.38	British	J. and J. Denholm	400.4	52.3	17.3	Cardiff	Pisagua	Ballast		5,710	4,022
Laura C. Hall[2]	20	18.35	22	6.13	22	15.21	23	9.45	British	Pacific Metals Corp	81.0	26.0	9.0	Cristobal	Buenaventura	General	5	132	72
Jersey City	21	15.55	22	6.30	22	13.52	22	15.10	British	W. R. Smith & Sons	411.6	55.0	24.0	Pensacola	Brisbane	Case oil, benzine	6,034	6,466	4,520
Gale	21	7.10	22	7.50	22	15.25	22	19.00	British	David Chackson Twinbull	167.4	26.6	14.0	Barry Docks	Dunedin	Ballast		690	394
Duendes	21	9.58	22	9.40	22	16.21	22	17.40	British	Pacific Steam Navigation Co	390.0	50.0	23.7	Glasgow	Valparaiso	General	3,736	6,006	4,287
Cayuca 2136[3]	21	...	22	...	22	8.28	...	...	Panaman...	Ernesto Triana	...	...	...	Gatun	Cristobal	...	...	2	2
Fukuyo Maru	22	6.37	22	11.1[illegible]	22	18.24	23	4.30	Japanese	Toyo Kisen Kaisha	400.0	53.0	24.8	Boston	Yokohama	General	5,492	5,911	4,349
Huftero	22	13.16	23	6.2[illegible]	23	16.40	23	17.41	Norwegian	Henrik Ostervold	380.4	52.3	24.10	New York	Yokohama	General	6,200	5,517	3,937
Sirius	20	10.55	23	7.0[illegible]	23	17.16	...	...	American...	U. S. Navy	390.0	54.0	19.0	Hampton R'ds	Bremerton	Navy stores	1,763	...	...

[1] Tug. [2] Motor schooner. [3] *Escoval.*

Steelore	23	2.35	23	7.55	23	18.19	23	19.24	American	Ore Steamship Co	550.3	72.2	26.0	New York	Cruz Grande	Ballast		15,551	4,411
Alvarado	23	3.37	23	8.47	23	20.15	24	0.15	American	Pacific Transport. Co	245.0	41.5	17.3	New Orleans	San Francisco	General	2,400	2,122	1,504
Blue Triangle	23	5.00	23	13.05	23	20.07	23	21.15	American	N. Atl. & West. S. S. Co. (S. B.)	390.0	54.2	17.6	Boston	Seattle	General	2,401	6,209	4,317

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Woron	16	17.45	17	7.03	17	14.57	17	15.48	British	Glover Brothers	420.8	54.5	25.6	San Francisco	Queenstown[a]	Barley	7,093	6,351	4,500
Feliz Taussig	17	1.20	17	7.55	17	15.17	17	15.17	American	Crowell & Thurlow	395.0	55.1	27.3	Everett	Boston	Lumber, copper	3,877	6,594	5,403
Washington Maru	17	1.30	17	8.24	17	16.13	17	16.13	Japanese	Kokusai Kisen Kaisha	385.0	51.0	26.1	Vancouver	United King.	Wheat	7,233	5,919	4,400
Alda	17	3.00	17	8.33	17	17.27	17	22.40	German	Roland Line	361.0	51.0	23.0	Corral	Hamburg	General	5,750	4,791	3,392
Robin Gray	17	9.15	17	9.58	17	17.40	17	17.40	American	Seas Shipping Co	424.8	55.0	23.0	San Francisco	New York	Canned goods	6,945	7,472	5,542
Chuky	17	9.00	17	10.57	17	18.08	17	20.20	British	Chile Steamship Co	440.8	56.0	14.3	Tocopilla	Tampico	Ballast		7,636	4,942
La Paz	17	10.00	17	11.44	17	21.45	18	17.00	British	Pacific Steam Navigation Co	406.0	54.2	26.2	Valparaiso	Hull	General	7,780	7,216	4,912
Ville de Tamative	17	11.15	17	12.35	17	22.32	21	14.30	French	Quartier	365.0	45.6	20.0	Tahiti	Marseilles	General	4,700	4,171	3,046
Manavi	18	5.00	18	8.03	18	15.08			British	Pacific Steam Navigation Co	216.0	35.1	14.5	Guayaquil	Cristobal	General	838	1,357	884
Antonio Lopez	13		18	10.44	18	17.45	19	0.15	Spanish	Spanish Line	422.0	50.0	23.6	Balboa	Barcelona	Ballast		6,635	4,610
Canadian Explorer	18	9.30	18	11.00	18	20.14	18	22.45	British	Canadian Government	400.0	52.0	19.6	Adelaide	Halifax	General	3,000	5,841	4,046
Montrolite	18	10.30	18	11.36	18	20.57	18	22.43	British	Imperial Oil Co	421.0	57.3	24.6	Talara	Habana	Oil	8,190	7,378	5,114
Virginian	18	14.00	18	14.39	18	23.20	19	2.50	American	United American Lines	491.5	58.2	30.3	Seattle	Hamburg	General	10,500	10,491	7,546
Lewis Luckenbach	18	15.17	19	7.02	19	14.17	19	14.17	American	Luckenbach Line	496.0	68.2	28.5	San Francisco	Boston	General, lumber	10,386	11,487	8,762
Ethan Allen	17	14.15	19	7.18	19	16.00	20	1.20	American	Tampa Interocean Steamship Co	439.6	60.0	26.0	Saigon	New York	General	10,448	8,987	6,534
Pacific	18	17.00	19	8.17	19	16.27	19	16.27	American	Argonne Steamship Co	399.7	56.2	25.0	Vancouver	New York	General	7,900	6,479	4,709
Madawaska	19	8.45	19	9.40	19	18.05	20	4.35	British	Burns and Phillips	370.6	51.1	20.0	Apia	Hamburg	Copra	4,567	5,481	4,174
Sciota			19	9.53	19	17.35	27	6.25	American	U. S. Navy	155.0	30.0		Balboa	Cristobal				
H. M. Storey	19	10.30	19	12.05	19	19.30	19	19.30	American	Standard Oil Co	500.0	68.2	29.0	Los Angeles	New York	Oil	15,000	11,224	7,849
Salvador	19	4.50	19	8.25	19	16.30	24	7.30	British	Pacific Steam Navigation Co	225.0	35.4	14.9	San Jose	Cristobal	Coffee, general	682	1,270	735
Narenta	19	9.45	20	7.05	20	14.45	20	14.45	British	Royal Mail Steam Packet Co	449.0	58.0	24.0	Seattle	Southampton	Canned fruits	4,854	8,856	6,559
Santa Rosa	19	18.25	20	7.45	20	16.20	20	19.40	American	Grace Line	404.6	54.0	28.4	Tocopilla	Charleston	Nitrate	8,730	6,754	6,780
Pear Branch	19	18.30	20	8.02	20	17.43	20	20.55	British	Gulf Line	398.0	53.9	22.7	Antofagasta	Liverpool	Nitrate, copper	5,901	5,760	3,866
John Worthington	19	22.50	20	8.49	20	17.10	20	18.10	American	Standard Oil Co	462.0	60.2	25.10	Campana	New York	Naphtha	10,483	8,491	6,096
Atlantic Maru	20	7.00	20	9.40	20	18.52	21	0.10	Japanese	Kawasaki Steamship Co	385.0	51.0	24.0	Vancouver	Rotterdam	General	7,393	6,251	4,700
Laura C. Hall	19	16.00	20	10.05	20	18.35	22	6.13	British	Pacific Metals Corp	81.0	25.0	9.0	Buenaventura	Cristobal	General	27	132	72
South American	20	16.00	21	7.06	21	14.30	21	18.40	British	American Metal Transport Co	251.0	43.6	18.0	Callao	New York	General	2,380	2,444	1,593
Panuco	20	20.40	21	7.40	21	14.40	21	14.40	American	United American Lines	351.7	47.9	21.0	Seattle	Mobile	Nitrate	3,361	4,226	2,848
Texas	21	9.45	21	10.41	21	19.23	21	20.50	Danish	United Steamship Co	374.8	49.9	23.0	Iquique	Europe	Nitrate	6,100	4,817	3,515
Australier	21	13.00	21	13.58	21	22.05	22	6.38	Belgian	Lloyds Royal Belge	400.1	52.0	25.0	Antofagasta	Las Palmas	Nitrate	7,500	5,750	3,988
Saint Patrick	21	16.30	22	7.04	22	14.38	22	15.35	British	Rankin Gilmoure	381.0	49.0	24.3	Callao	Marseilles	Sugar	6,496	5,457	4,174
Unita	11-29		22	11.10	22	18.58	22	18.58	Norwegian	Colombia Pacific Steamship Co	338.0	48.0	15.0	Balboa	Mobile	Ballast		3,999	2,924
Edward Luckenbach	22	18.30	23	6.55	23	13.45	23	13.45	American	Luckenbach Line	436.1	57.0	29.0	San Pedro	New York	General, lumber	8,200	8,543	6,426
Lobos	21	8.45	23	7.58	23	15.53	23	16.40	British	Pacific Steam Navigation Co	404.7	54.2	28.0	Valparaiso	Hull	General	8,273	7,151	4,756
Diadem	22	20.15	23	8.03	23	17.10	23	18.00	British	Hall Brothers	390.0	54.0	24.6	Mejillones	Balboa[a]	Nitrate	7,600	5,918	4,142

[a] For orders

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Norman Monarch	22	20.00	23	8.48	23	18.00	23	19.55	British	Kinsley Lines, Inc.	400.0	52.0	24.6	Mejillones	Savannah	Nitrate	7,704	5,568	4,146
Ballena	23	8.00	23	10.11	23	18.30	24	2.15	British	Pacific Steam Navigation Co.	400.0	52.0	.....	West coast	United King.	General	6,712	5,816	4,113
Songvand	23	9.30	23	11.06	23	18.50	23	22.00	Norwegian	Ardmore Steamship Co.	330.0	47.3	21.4	Iquique	Philadelphia	Nitrate	4,650	3,783	2,565
Agwilake	23	9.00	23	13.45	23	23.23	23	23.23	American	New York & Cuban S. S. Co.	468.0	62.7	27.0	Los Angeles	Philadelphia	Oil	12,481	10,108	7,463

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
December 17.	Abangarez	United Fruit Co.	New Orleans via Habana.
December 17.	Antiochia	Hamburg-American Line	Hamburg via wayports.
December 18.	Haiti	French Line	St. Nazaire and wayports.
December 19.	San Gil	United Fruit Co.	Boston via Habana.
December 19.	Pastores	United Fruit Co.	New York via Habana.
December 20.	Cartago	United Fruit Co.	New Orleans via Habana.
December 20.	Sixaola	United Fruit Co.	New York via Kingston.
December 20.	Arabia s	Panama Plantation Syndicate	Colon.
December 21.	Metapan	United Fruit Co.	Colombian ports.
December 21.	Abangarez	United Fruit Co.	Bocas del Toro.
December 22.	Bayano	Elders & Fyffes, Ltd.	Port Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
December 18.	Antiochia	Hamburg-American Line	Port Limon.
December 18.	Abangarez	United Fruit Co.	Bocas del Toro.
December 19.	Colon	Panama Railroad Steamship Line	New York via Haiti.
December 20.	Pastores	United Fruit Co.	New York via wayports.
December 20.	San Gil	United Fruit Co.	Boston via Port Limon.
December 21.	Sixaola	United Fruit Co.	Colombian ports.
December 21.	Metapan	United Fruit Co.	New York via Kingston.
December 21.	Cartago	United Fruit Co.	New Orleans via wayports.
December 21.	Abangarez	United Fruit Co.	New Orleans.
December 21.	Haiti	French Line	St. Nazaire and wayports.
December 22.	Bayano	Elders & Fyffes, Ltd.	Kingston.

s Motor schooner.

PORT OF BALBOA.

December 16.	Sinaloa	Latin-American Line	Portland.	December 17.	Sinaloa	Latin American Line	Eten.
December 17.	Chiralite	International Petroleum Co.	Talara.	December 23.	Darien	H. Obarrio & Co.	Buenaventura.
December 17.	Denver	U. S. Navy	Valparaiso.	.....	.....	.....	.....
December 21.	Darien	H. Obarrio & Co.	Buenaventura.	.....	.....	.....	.....
December 23.	Anyo Maru	Toyo Kisen Kaisha	Valparaiso.	.....	.....	.....	.....
December 23.	Regulus	R. S. Silver & Co.	Caldera.	.....	.....	.....	.....

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, December 30, 1922.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
North American	23	10.45	24	6.12	24	13.37	24	16.00	British	North American Steamship Co.	251.0	43.6	12.11	Barabuna	Buenaventura	General	400	2,444	1,571
Salvador	21	16.30	24	7.30	24	14.22	24	16.55	British	Pacific Steam Navigation Co.	215.0	35.4	16.6	Cristobal	Champerico	General	1,157	1,270	735
Willhilo	24	3.48	24	8.15	24	15.35	24	17.05	American	Williams Steamship Co.	434.3	57.7	21.10	New York	Los Angeles	General	5,625	7,983	5,882
Royalstar	24	11.30	24	11.50	24	18.25	25	10.15	British	Royal tar Steamship Co.	450.0	58.5	19.0	London	Seattle	Ballast	.....	8,561	5,815
Garfield	24	8.46	24	13.09	24	19.23	24	20.28	American	Grace Line	299.4	45.0	19.1	New York	Salaverry	General	1,550	3,228	2,010
Ampullaria	24	14.38	25	6.15	25	13.58	25	17.07	British	Anglo-Saxon Petroleum Co.	412.5	53.8	17.0	Rotterdam	San Francisco	Ballast	.....	6,242	4,320
Nobel[1]	25	7.05	25	8.35	25	16.30	25	19.45	Norwegian	Partagas Steamship Co.	140.4	28.4	11.0	Christiania	Salaverry	Explosives	418	396	307
Terrier	25	7.23	25	9.10	25	17.19	25	18.30	Norwegian	W. Wilhelmsen	400.0	52.0	14.8	Wilmington	Taltal	Ballast	.....	5,639	4,161
Mundelta	25	3.15	25	10.20	25	17.56	25	18.58	American	Munson Lines	376.0	53.2	25.6	New York	Los Angeles	General	3,112	5,668	4,297
Vancolite	25	8.44	25	13.05	25	19.52	26	4.42	British	Imperial Oil Co.	500.0	68.0	20.0	New York	Los Angeles	Ballast	.....	11,043	8,130
Monticello	25	22.47	26	6.35	26	14.41	26	17.05	American	American Ship & Com. Nav. Co.	468.0	58.0	26.0	Baltimore	Los Angeles	General	10,000	7,975	5,412
Lydia	26	9.55	26	10.28	26	17.12	26	18.40	American	Lydia Steamship Co.	366.0	48.0	24.0	New Orleans	Los Angeles	General	5,100	4,620	3,343
San Francisco	26	7.50	26	11.00	26	18.28	26	19.50	American	Isthmian Steamship Line	405.0	51.9	26.4	New York	Vancouver	General	7,300	6,186	4,449
Delaware Sun	26	13.12	26	13.25	26	19.55	26	23.48	American	Sun Steamship Co.	480.5	66.0	21.0	Philadelphia	Los Angeles	Ballast	.....	9,402	6,586
Paul Luckenbach	26	16.37	27	6.30	27	14.22	27	15.20	American	Luckenbach Line	471.1	59.2	24.6	Boston	Seattle	General	6,300	9,027	6,539
Scicta[2]	19	17.35	27	6.25	27	17.50	.....	.....	American	U. S. Navy	155.0	30.0	.....	Cristobal	Balboa	.....	.....	.....	.....
A. L. Kent	26	23.06	27	7.25	27	17.15	27	18.35	American	Crowell & Thurlow	410.6	55.1	27.0	Baltimore	Everett	General	9,077	7,047	5,030
Grelbank	26	23.02	28	6.30	28	16.00	28	17.15	British	J. C. Gould & Co.	399.0	52.0	20.0	Cardiff	Antofagasta	Ballast	.....	5,730	3,986
Marie Maersk	27	21.54	28	7.37	28	17.35	28	18.54	Danish	A. P. Moller	362.2	51.4	16.5	Baltimore	Arica	Ballast	.....	4,971	3,428
France Maru	28	0.20	28	11.37	28	19.24	.....	.....	Japanese	Kokusai Kisen Kaisha	385.0	51.0	24.6	Galveston	Yokohama	General	6,651	5,919	4,429
Manavi	18	15.08	28	12.00	28	19.26	29	1.45	British	Pacific Steam Navigation Co.	216.0	35.1	12.6	Cristobal	Guayaquil	General	240	1,357	884
Santa Clara	28	4.27	28	12.45	28	20.24	28	21.50	American	Atlantic & Pacific Steamship Co.	404.6	53.0	26.6	Philadelphia	Los Angeles	General	4,800	6,760	4,450
Ansgir	28	16.24	29	6.30	29	13.34	29	16.35	German	Roland Line	393.0	54.0	22.0	Hamburg	Corral	General	3,800	6,542	4,532
Cambrai[3]	28	21.11	29	7.35	29	14.33	30	7.21	American	U. S. Army	448.0	58.0	26.1	Brooklyn	Honolulu	Military supplies	1,227	.....	.....
Nebraskan	29	1.32	29	8.10	29	15.35	29	16.18	American	American-Hawaiian Line	377.0	55.2	25.7	Philadelphia	Portland	(4)	5,337	5,707	3,643
Scottsburg	29	3.58	29	9.05	29	17.20	30	11.06	American	Barber Line (S. B.)	419.5	56.5	25.0	New York	Yokohama	General, pet.	6,441	8,696	6,316
Dillwyn	29	6.40	29	9.20	29	18.03	29	19.05	American	Walker & Daly (S. B.)	435.0	56.0	18.0	New Orleans	Los Angeles	Ballast	.....	7,602	5,312
Bolton Castle	29	7.10	29	12.05	29	19.25	29	20.50	British	James Chambers & Co.	424.0	53.0	27.0	New York	Hongkong	General, case oil	7,600	6,489	4,869
William Rockefeller	29	16.00	30	6.40	30	14.40	30	15.45	American	Standard Oil Co.	554.9	75.3	25.0	New York	Los Angeles	Ballast	.....	14,785	10,313
Orcus	29	8.10	30	7.20	30	15.55	30	17.10	American	Wessel, Duval & Co. (S. B.)	380.0	53.0	15.5	New York	Talcahuano	General	1,718	5,667	4,227
Robert E. Hopkins	29	22.25	30	8.04	30	17.30	30	18.50	American	Tidewater Oil Co.	424.4	58.2	21.6	New York	Los Angeles	Ballast	.....	7,333	5,244
Frogner	30	2.12	30	9.05	30	18.20	30	23.04	Norwegian	Fearnley & Eger	407.0	53.8	18.6	Birkenhead	Mejillones	Ballast	.....	7,010	5,310
Mexican	30	5.36	30	9.45	30	20.00	30	21.07	American	American-Hawaiian Line	472.3	57.2	23.0	Hamburg	Los Angeles	General	6,410	9,258	6,789
Isonomia	30	10.57	30	11.0	30	20.55	31	10.55	Panaman	California Steamship Co.	349.6	49.6	14.5	Baltimore	Eureka	Ballast	.....	4,238	3,030
Malacca Maru	30	11.20	30	11.5	30	21.44	30	23.04	Japanese	Nippon Yusen Kaisha	400.0	54.0	20.11	New York	Kobe	General	8,750	5,819	4,110

[1] Motor schooner. [2] Tug. [3] Transport. [4] Steel products and general.

San Francisco..	23	13.20	24	7.02	24	14.40	24	14.40	British.....	Johnson Line.....	376.0	51.3	24.0	Portland.....	Havre.....	General.....	5,467	5,298	4,001
Amsterdam....	22	19.00	24	7.07	24	16.30	24	17.45	Dutch.....	Royal Netherlands W. I. Mail...	474.4	65.6	31.0	Valparaiso....	Hamburg.....	General.....	14,123	11,647	8,219
Craster Hall....	24	22.15	25	7.56	25	16.30	25	18.15	American...	Isthmian Steamship Line.....	380.0	50.0	23.6	Iquique.....	New York....	Nitrate.....	6,870	4,946	3,500
Ocean Prince...	25	3.00	25	8.18	25	17.10	25	18.15	British.....	Furness, Witty & Co.....	410.3	52.3	25.0	Vancouver....	Havre.....	General, grain...	7,100	5,926	4,252
Santa Teresa...	25	9.20	25	10.01	25	17.08	25	19.20	American...	Grace Line.....	360.2	51.6	22.8	Talcahuano...	New York....	General.....	4,008	5,726	4,086
Welsh City....	25	10.30	25	11.09	25	18.45	26	11.40	British.....	W. R. Smith & Sons.....	411.0	54.5	29.0	Vancouver....	Falmouth.....	Wheat.....	8,631	6,957	5,133
Toco.....	26	0.30	26	8.05	26	15.36	26	16.53	British.....	Chile Steamship Co.....	440.8	56.1	17.5	Antofagasta...	Tampico.....	Ballast.....	.....	7,693	4,885
Dochra.....	26	8.15	26	9.00	26	16.50	26	17.55	American...	Luckenbach Line.....	376.0	51.0	21.0	Seattle.....	New York....	General.....	3,970	5,158	3,813
Benarti.....	26	21.30	27	8.09	27	15.20	27	17.35	British.....	Wm. Thomson & Sons.....	382.5	46.1	23.0	Portland.....	Queenstown...	Wheat.....	5,172	4,142	3,008
Santa Tecla....	27	4.10	27	8.23	27	15.35	27	20.20	American...	Grace Line.....	298.6	40.0	17.6	Salaverry.....	New York....	General.....	1,709	2,832	1,803
Minnesotan....	27	11.00	27	11.39	27	18.20	27	18.21	American...	United American Lines.....	429.0	53.7	27.6	Portland.....	New York....	General.....	8,500	7,150	4,913
Walter D. Munson.....	27	3.43	27	13.05	27	19.24	27	19.24	American...	Munson Line.....	368.2	48.3	23.4	Portland.....	New York....	Lumber.....	4,650	4,705	3,246
Tuscan Star....	27	3.30	27	13.51	27	21.37	27	21.27	British.....	Blue Star Line.....	420.0	54.0	22.6	Los Angeles...	Glasgow.....	Cold storage, gen	4,561	7,365	5,867
Anglo Mexican.	27	17.20	28	6.50	28	15.30	28	16.45	British.....	Nitrate Products Steamship Co.	393.6	52.4	26.0	Tocopilla.....	Plymouth[s]....	Nitrate.....	7,400	6,163	4,452
Willpolo.....	27	14.35	28	7.41	28	16.35	28	16.35	American...	Williams Steamship Co.....	386.8	52.2	27.4	Grays Harbor.	New York....	General, lumber.	5,697	7,680	4,112
Curaca.....	28	1.20	28	7.58	28	17.35	28	20.00	Panaman...	Grace Line.....	403.0	52.4	28.6	Bahia Blanca.	New York....	Nitrate, general.	8,695	6,804	4,897
F. H. Hillman..	28	5.30	28	8.46	28	17.57	28	17.57	American...	Standard Oil Co. of California...	500.0	68.2	28.10	San Francisco.	Port Arthur...	Oil.....	14,700	11,225	7,913
Long Beach....	28	6.00	28	9.53	28	18.25	28	18.35	American...	Long Beach Steamship Co.....	318.1	41.3	20.0	Seattle.....	New York....	Lumber.....	2,400	3,195	2,085
Urubamba.....	27	22.55	28	12.36	28	21.20	.....	.....	Peruvian...	Peruvian Line.....	381.2	41.1	17.6	Callao.....	Cristobal.....	General.....	1,486	4,803	2,951
Mayebashi Maru.....	28	7.30	28	10.38	28	19.27	28	19.27	Jaganese....	Nippon Yusen Kaisha.....	445.0	58.0	22.6	Osaka.....	New York....	General.....	9,874	8,012	5,749
Santa Barbara.	29	6.45	29	7.30	29	15.15	29	19.30	American...	Grace Line.....	404.6	53.9	28.2	Caleta Colosa.	New Orleans..	Nitrate.....	8,700	6,789	4,746
Julia Luckenbach.....	29	12.15	29	12.49	29	19.35	29	19.35	American...	Luckenbach Line.....	437.0	57.0	31.7	Portland.....	Boston.....	General.....	8,050	8,543	6,402
Bethore.....	28	21.24	29	14.15	30	13.05	30	14.45	American...	Ore Steamship Corp.....	550.3	72.0	32.10	Cruz Grande..	New York....	Iron ore.....	19,450	15,476	11,102
Eurypylus.....	29	20.55	30	6.48	30	15.05	30	16.45	British.....	Alfred Holt & Co.....	430.0	54.0	26.0	Astoria.....	United King..	Wheat.....	7,220	6,887	4,612
Montauk.....	29	21.55	30	7.53	30	15.30	30	15.30	American...	Luckenbach Line.....	419.5	56.5	25.6	San Francisco.	New York....	General.....	6,330	8,696	6,316
Gudrun Maersk	29	23.45	30	8.32	30	17.15	30	21.07	Danish.....	A. P. Moller.....	361.7	51.4	24.8	Caleta Junin..	.....	Nitrate.....	6,948	4,961	3,477
Howick Hall...	30	7.00	30	9.58	30	17.52	30	19.45	American...	U. S. Steel Products Co.....	400.8	51.5	23.7	Vancouver....	Manchester...	General.....	.....	6,095	4,381
Ribera.....	30	13.00	30	13.08	30	22.00	30	23.55	British.....	Bolton Steamship Co.....	389.0	51.0	24.6	Caleta Colosa.	Pensacola.....	Nitrate.....	6,450	5,469	4,042
Jacob Luckenbach.....	30	6.30	30	14.48	30	22.37	30	22.37	American...	Luckenbach Line.....	414.5	53.7	26.6	Seattle.....	Mobile.....	General.....	6,000	7,314	5,270

[s] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
Dec. 24.....	Atenas.....	United Fruit Co.....	New Orleans via Habana.
Dec. 24.....	Gen. W. C. Gorgas...	Panama Railroad Steamship Line..	New York via Haiti.
Dec. 26.....	Ulua.....	United Fruit Co.....	New York via Habana.
Dec. 26.....	Heredia.....	United Fruit Co.....	New Orleans via Habana.
Dec. 26.....	Venezuela.....	Royal Netherlands W. I. Mail....	Amsterdam via wayports.

*DEPARTURES.

Date.	Vessel.	Line.	For—
Dec. 26....	Atenas.....	United Fruit Co.....	New Orleans via Bocas del Toro.
Dec. 27....	Venezuela.....	Royal Netherlands W. I. Mail....	Port Limon.
Dec. 27....	Ulua.....	United Fruit Co.....	New York via wayports.
Dec. 28....	Carrillo.....	United Fruit Co.....	Colombian ports.

(Continued on page 272, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 6, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Anniston City	30	11.50	31	6.40	31	14.28	31	15.35	American	U. S. Steel Products Co	424.2	56.2	26.10	Baltimore	San Francisco	Steel, general	8,496	7,611	5,450
Trecarrell	30	18.30	31	7.40	31	15.35	31	17.15	British	Hain Steamship Co	400.1	52.3	22.4	New York	Adelaide	General	4,704	5,790	4,067
Cristobal [1]	31	0.20	31	8.03	31	16.17	(1)	(1)	American	Panama Railroad Steamship Line	489.5	60.0	23.6	Norfolk	Balboa	Coal	4,975	10,697	8,063
Port Curtis	30	18.52	31	8.50	31	17.53	31	18.56	British	Commonwealth & Dom. Line	450.0	58.0	25.6	New York	Brisbane	General	3,820	8,500	6,140
Benjamin Brewster	31	0.28	31	9.20	31	18.39	31	19.56	American	Standard Oil Co	411.6	53.2	19.0	New York	Talara	Ballast	.....	6,177	4,244
Artigas	30	21.00	31	10.30	31	19.27	31	20.53	American	No. Atl. & West. S. S. Co. (S. B.)	390.0	54.2	18.1	Philadelphia	Los Angeles	General	2,206	6,204	4,314
City of Evansville	30	10.10	31	11.15	31	20.25	31	21.24	British	Ellerman Lines, Ltd	435.2	57.3	25.0	Newport News	Auckland	(4)	7,100	8,627	6,644
Astyanax	31	16.54	1	6.30	1	13.34	1	14.42	British	Alfred Holt & Co	390.0	49.2	23.8	Swansea	San Francisco	General	5,655	5,165	3,211
Katrina Luckenbach	31	19.37	1	7.13	1	15.05	1	16.05	American	Luckenbach Line	468.3	55.11	25.0	New York	Los Angeles	General	5,743	8,508	6,179
Myriam	31	20.00	1	8.18	1	16.06	1	22.05	French	Compagnie Auxiliarie de Nav	425.0	57.0	20.0	Cherbourg	San Francisco	Ballast	.....	7,178	5,072
Arawa	31	19.45	1	8.55	1	17.18	2	13.44	British	Shaw, Savill & Albion Co	459.5	60.5	27.2	London	Wellington	General	5,005	10,035	7,504
Balboa	31	5.14	1	9.15	1	17.54	1	19.15	Colombian	Coy. Costancia Colombiana	190.0	29.1	14.9	Pto. Colombia	Tumaco	Salt and general	470	737	335
Chuky	1-1	1.12	1	10.37	1	19.12	1	20.30	British	Sheridan Steamship Co	440.8	56.1	26.6	Tampico	Tocopilla	Fuel oil	9,536	7,636	4,942
Ceres	1	18.55	2	6.30	2	14.20	3	0.05	Dutch	Royal Netherlands W. I. Mail	348.0	48.2	19.0	Amsterdam	San Antonio	Coke	3,611	4,243	3,123
Patuxent [2]	12-8	.....	2	6.50	2	15.05	.....	.....	American	U. S. Navy	156.6	24.0	.....	Cristobal	Balboa	.....	.....	.....	.....
Herman Frasch	1-2	9.56	2	10.30	2	17.47	2	21.40	American	Union Sulphur Co	356.0	51.6	25.4	Sabine	Los Angeles	Sulphur	6,500	5,349	2,950
Alaska	1	22.00	3	6.18	3	15.34	3	16.50	French	French Line	425.0	55.0	19.11	Bordeaux	San Francisco	General	5,376	6,990	4,854
Norlina	3	6.59	3	7.40	3	16.22	3	17.30	American	Garland Steamship Co	385.0	51.1	25.0	Mobile	Seattle	General	6,400	5,466	4,181
Santa Isabel	3	6.51	3	10.35	3	11.31	3	18.45	American	American & Cuban S. S. Line	251.0	43.6	25.6	Baltimore	San Francisco	Steel products	3,409	2,823	1,740
Havana Maru	3	10.20	3	11.12	3	18.26	3	20.28	Japanese	Osaka Shosen Kaisha	407.0	50.8	22.0	New York	Singapore	Iron, rosin	4,092	6,234	4,500
Greenwich	3	2.18	3	12.15	3	19.51	3	21.19	British	Britain Steamship Co	341.1	46.6	22.0	Newport	Iquique	Coal, coke, iron	4,221	3,974	2,929
Memphis City	3	12.40	3	12.40	3	20.47	3	22.00	American	U. S. Steel Products Co	425.0	56.0	26.6	New Orleans	Yokohama	Steel, general	7,675	7,539	5,448
Santa Luisa	3	11.50	4	6.27	4	13.37	4	14.48	American	Grace Line	360.2	51.6	21.0	New York	Talcahuano	General	1,534	5,694	3,975
Iolcos	3	23.37	4	7.25	4	15.03	4	16.25	Greek	Helenic Transport S. S. Co	400.0	52.2	16.6	New Orleans	Caleta Colosa	Ballast	.....	5,771	4,047
Gen. G. W. Getty	.....	.....	4	7.55	4	14.40	.....	.....	American	U. S. Army	.....	.....	.....	Cristobal	Balboa	.....	.....	.....	.....
Ansaldo San Giorgio II	4	6.58	4	8.10	4	15.35	5	22.49	Italian	Italian Line	391.7	52.0	19.6	Genoa	Valparaiso	General	1,694	5,902	4,287
Huasco	1 2-31	14.56	4	10.15	4	17.15	4	18.20	Chilean	Chilean Steamship Line	379.0	44.0	20.10	Cristobal	Valparaiso	General	870	4,552	3,182
H. M. Storey	1-4	12.26	4	12.35	4	18.55	4	20.11	American	Standard Oil Co	500.0	68.2	22.0	New York	Los Angeles	Ballast	.....	11,224	7,849
Remuera	4	19.45	5	6.20	5	13.59	6	20.21	British	New Zealand Shipping Co	485.0	62.0	25.0	London	Auckland	General	4,569	11,717	8,771
Balboa [3]	4	14.20	5	7.31	5	14.50	5	21.45	Swedish	Johnson Line	440.0	56.0	25.6	Gothenburg	San Francisco	General	7,966	7,480	5,533
Celtic Prince	4	23.45	5	7.45	5	15.54	5	17.07	British	Prince Line, Ltd	449.0	57.3	25.6	New York	Yokohama	(5)	6,233	8,699	6,208
Corinto	2	15.35	5	9.37	5	16.40	5	21.08	American	Pacific Mail Steamship Co	261.1	40.0	14.9	Cristobal	San Francisco	General	830	2,403	1,560
Acajutla	1 2-31	16.42	5	12.00	5	18.15	5	22.33	British	Pacific Steam Navigation Co	215.7	33.5	17.0	Cristobal	Champerico	General	1,149	1,273	706

[1] Returned to Cristobal. [2] Tug. [3] Motor ship. [4] General, case oil, gasoline, and benzine. [5] General, naphtha, and gasoline.

Candidate	1-3	20.13	6	6.20	6	13.45	6	14.55	British	Harrison Line	400.0	52.0	14.5	Liverpool	San Francisco	Ballast		5,677	4,126
Utacarbon	5	18.10	6	7.25	6	14.45	6	16.00	American	Union Oil Co	435.0	56.0	20.0	Mobile	Los Angeles	Ballast		7,642	5,355
Ohio[6]	4	14.50	6	8.23	6	14.41	6	15.10	American	E. W. Scripps	160.5	26.0	11.3	New York	San Diego	Ballast		530	240
Cathwood	5	23.56	6	9.12	6	17.12	6	18.15	American	Union Oil Co	435.0	56.0	19.8	Mobile	Los Angeles	Ballast		7,642	5,327
Electrician	6	1.56	6	9.25	6	18.00	6	19.07	British	Harrison Line	385.0	52.0	17.0	Liverpool	Victoria	General	3,108		
Panaman	6	9.50	6	10.26	6	18.44	6	19.35	American	American-Hawaiian Line	407.7	53.7	23.3	Boston	Portland	General	5,336	7,098	5,029
Urubamba	1 2-28	21.20	6	10.55	6	19.45	6	20.50	Peruvian	Peruvian Line	381.2	46.1	17.3	Cristobal	Callao	General	740	4,803	2,951
Bernice G[7]	1 2-15		6		6	10.09			American	O. E. McCoin	20.4	7.0		Cristobal	Gatun	Ballast		2	2
West Jappa	1-6	11.15	6	11.40	6	20.45	7	13.45	American	Swayne & Hoyt (S. B.)	410.5	54.2	21.6	Buenos Aires	San Francisco	([8])	4,460	6,755	4,873
G. Harrison Smith	6	13.13	6	13.25	7	6.45	7	20.13	British	International Petroleum Co	550.6	72.0	24.0	New York	Cruz Grande	Ballast		15,476	11,102

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Munrio	30	16.00	31	6.55	31	14.45	31	14.45	American	Munson Line	333.6	48.2	23.6	Gray's Harbor	New York	Lumber	4,700	4,165	3,066
Huasco	30	0.05	31	7.17	31	14.56	4	10.15	Chilean	Chilean Line	379.7	44.3	23.0	Talcahuano	Cristobal	General	61	7,047	4,998
Thomas P. Beal	30	22.00	31	8.00	31	15.58	31	15.58	American	Crowell & Thurlow	394.1	55.1	27.6	San Francisco	Boston	General, lumber	8,658	4,552	3,182
Epsom	30	21.40	31	9.20	31	18.03	31	23.06	British	Watts, Watts & Co	370.0	50.6	22.10	Ocean Island	Norfolk	Phosphates	5,800	4,944	3,468
Acajutla	31	0.45	31	9.59	31	16.42	5	12.00	British	Pacific Steam Navigation Co	215.7	33.5	15.4	Champerico	Cristobal	General	765	1,273	706
Ansaldo San Giorgio I	30	20.40	31	11.58	31	21.55	1	0.17	Italian	Eauturno Otello	385.7	49.0	27.5	Valparaiso	Genoa	General	6,517	5,657	3,974
Aconcagua	1	4.30	1	7.54	1	15.24	2	0.12	Chilean	Chilean Line	422.8	56.2	27.8	Valparaiso	New York	General	5,100	7,758	4,705
Logan	1	8.30	1	9.03	1	16.45	2	18.15	American	Pacific Mail Steamship Co	445.5	49.2	26.0	San Francisco	Baltimore	General	3,800	7,650	5,682
Nordlys	1	12.15	1	14.42	1	21.55	1	22.55	Danish	P. Brown & Co	362.0	51.3	23.6	Tocopilla		Nitrate	6,360	4,932	3,468
Venezuela	1	6.16	2	7.08	2	14.20	3	12.18	American	Pacific Mail Steamship Co	380.0	48.7	22.6	San Francisco	New York	General	2,000	6,033	4,353
Sciota			2	7.20	2	14.05			American	U. S. Navy	155.0	30.0		Balboa	Cristobal				
General G. W. Goethals	1	5.30	2	7.54	2	14.48	3	18.00	American	Panama Railroad Steamship Line	353.0	48.7	20.0	Guayaquil	New York	General	1,733	5,125	3,564
Sabine Sun	2	8.00	2	13.04	2	21.12	2	21.12	American	Sun Co	429.0	59.2	28.2	San Pedro	Chester	Oil	10,300	7,898	5,459
Haarlem	2	6.00	2	8.39	2	17.20	3	11.08	Dutch	Dutch West India Mail	374.0	50.0	22.6	Chile	Hamburg	General, nitrate	5,155	4,759	3,660
Helder	2	0.30	2	11.52	2	20.00	2	21.30	Dutch	Royal Netherlands W. I. Mail	372.0	50.0	21.0	Valparaiso	Liverpool	General	5,473	5,117	3,507
Corinto	2	1.00	2	7.59	2	15.35	5	9.30	American	Pacific Mail Steamship Co	261.1	40.8	14.0	San Francisco	Cristobal	General	493	2,403	1,560
Eldorado	2	10.45	2	14.32	2	22.14	2	22.14	American	Western Transport Co	245.6	42.0	16.8	Seattle	New Orleans	General	2,300	2,439	1,662
Cristobal			3	7.19	3	14.20	4	15.07	American	Panama Railroad Steamship Line	489.5	58.0	20.1	Balboa	Cristobal	Ballast		10,697	8,063
Santa Olivia	2	20.00	3	7.56	3	16.11	3	16.11	American	Pacific Mail Steamship Co	404.6	53.0	29.0	Seattle	Baltimore	Canned goods	7,400	6,779	4,921
Gen. W. M. Graham			3	8.13	3	16.13			American	U. S. Army	156.0	32.0	13.0	Balboa	Cristobal				
Moerdijk	2	22.00	3	8.49	3	16.55	3	23.05	Dutch	Holland-American Line	473.0	61.0	24.0	Vancouver	London	General	9,422	9,165	7,056
Kenuta	3	4.00	3	9.15	3	18.00	3	19.45	British	Pacific Steam Navigation Co	400.0	52.0	24.6	Talcahuano	Liverpool	General	6,278	6,420	4,704
Cold Harbor	3	8.00	3	10.05	3	18.57	3	18.57	American	Nawsco Line	392.0	54.2	24.0	San Francisco	Philadelphia	General	6,107	6,167	4,290
Kenmare	3	17.30	4	6.57	4	16.15	4	17.35	British	Merlin Shipping Co	325.0	47.0	20.6	Iquique	St. Thomas[9]	Nitrate	5,085	3,717	2,755
Steel Ranger	4	14.20	4	10.46	4	21.20	4	21.20	American	Isthmian Steamship Line	424.2	56.2	25.0	Seattle	Philadelphia	General, lumber	7,200	7,611	5,450
Isis	4	16.00	5	8.14	5	15.05	5	16.18	German	Kosmos Line	376.11	52.0	24.4	Corral	Hamburg	General	6,270	5,788	4,027
Atlanta City	4	23.00	5	8.10	5	16.11	5	16.11	American	Isthmian Steamship Line	424.2	56.2	26.0	Everett	Boston	General	7,467	7,611	5,450
Theodore Roosevelt	5	12.15	6	7.02	6	15.15	6	15.15	Norwegian	Norway-Pacific Line	425.5	55.2	28.6	Portland	Christiania	General	9,300	7,593	5,637
Orcoma	6	3.00	6	8.09	6	17.08	7	12.50	British	Pacific Steam Navigation Co	528.0	62.0	28.0	Coronel	Liverpool	General	6,782	12,267	7,942
Laura C. Hall	5	14.00	6	9.25	6	17.07	8	7.28	British	Pacific Metals Corporation	81.0	25.6	9.0	Buenaventura	Cristobal	Coffee, gold	36	132	72

[6]Yacht. [7]Launch. [8]Coffee, hides, fertilizer and bones. [9] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Darien	5	24.00	6	9.29	6	16.55	7	10.40	Panaman	H. Obarrio & Co	98.0	26.9	7.5	Buenaventura.	Cristobal	Hides, coffee	.....	169	50
Hawaiian	5	11.15	6	11.50	6	19.13	6	19.13	American	United American Lines	406.8	51.1	26.0	Seattle	New York	Canned goods	7,300	6,039	4,180
W. S. Rheem	6	14.00	6	14.40	6	23.05	6	23.05	American	Standard Oil Co	500.0	68.2	29.0	San Francisco.	New York	Oil	(10)	11,224	7,860

10 138,841 barrels.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
December 31.	Santa Marta	United Fruit Co	New Orleans via Habana.
January 1	Solana	Pacific Mail Steamship Co	Tampico.
January 2	San Bruno	United Fruit Co	Boston via Habana.
January 2	Parismina	United Fruit Co	New Orleans via Habana.
January 2	Toloa	United Fruit Co	New York via Habana.
January 3	Camden	United Fruit Co	Tampico.
January 3	Tivives	United Fruit Co	New York via Kingston.
January 4	Carrillo	United Fruit Co	Colombian ports.
January 4	Santa Marta	United Fruit Co	Bocas del Toro.
January 5	Macoris	French Line	Havre and wayports.
January 6	Coronado	Elder & Fyffes, Ltd	Port Limon.
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

*DEPARTUCES.

Date.	Vessel.	Line.	For—
December 31	Gen. W. C. Gorgas	Panama Railroad Steamship Line.	New York via Haiti.
December 31	Venezuela	Royal Netherlands W. I. Mail	Amsterdam via wayports.
December 31	Antiochia	Hamburg-American Line	Cartagena.
December 31	W. L. Connelly	Sinclair Navigation Co	Tampico.
January 1	Santa Marta	United Fruit Co	Bocas del Toro.
January 2	St. Mihiel[11]	U. S. Army	New York.
January 3	Solana	Pacific Mail Steamship Co	Tampico.
January 3	San Bruno	United Fruit Co	Boston via Port Limon.
January 3	Toloa	United Fruit Co	New York via wayports.
January 4	Parismina	United Fruit Co	New Orleans via wayports.
January 4	Tivives	United Fruit Co	Colombian ports.
January 4	Carrillo	United Fruit Co	New York via Kingston.
January 4	Santa Marta	United Fruit Co	New Orleans.
January 5	Camden	United Fruit Co	Tampico.
January 6	Coronado	Elder & Fyffes, Ltd	Kingston.

11 Transport.

PORT OF BALBOA.

January 3	Remus	Latin-American Line	Vancouver.	January 3	Remus	Latin-American Line	Talara.
January 5	Guardian	All America Cables Co	High seas.	.....	.....	.....	.....

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 13, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Gargoyle	6	16.05	7	6.26	7	14.14	7	15.20	American	Vaccum Oil Co	425.0	57.0	20.0	Philadelphia	San Francisco	Lubricating oil	1,800	7,510	4,989
Standard	6	16.45	7	7.05	7	15.15	7	16.12	American	Standard Oil Co	523.0	68.0	21.0	New York	Los Angeles	Ballast		12,171	9,012
Colombia	6	10.43	7	8.06	7	16.35	8	13.35	American	Pacific Mail Steamship Co	380.0	48.0	22.5	Baltimore	San Francisco	General	2,089	6,015	4,281
Nordhvalen	6	18.20	7	8.45	7	18.28	7	19.40	Danish	Peter Brown & Co	320.0	41.8	15.0	Norfolk	Iquique	Ballast		3,547	2,581
Albistan	6	13.40	7	8.50	7	18.28	8	14.25	Danish	T. Nielsen	350.0	46.0	18.5	New Orleans	Valparaiso	General	2,035	3,947	2,911
F. J. Luckenbach	7	0.37	7	9.32	7	19.26	7	20.40	American	Luckenbach Line	446.0	56.0	27.8	Boston	Los Angeles	General	6,400	8,508	6,179
Marore	7	8.08	7	10.45	7	20.37	8	0.15	American	Ore Steamship Co	550.0	72.0	22.8	Baltimore	Cruz Grande	Ballast		15,551	4,297
Darien	6	16.55	7	10.40	7	19.26	8	20.35	Panaman	H. Obarrio & Co	98.0	26.9	7.5	Cristobal	Balboa	Ballast		169	50
Essequibo	6	18.00	8	6.18	8	14.58	8	16.00	British	Pacific Steam Navigation Co	450.0	57.0	23.0	New York	Valparaiso	General	1,733	9,099	6,117
Laura C. Hall [1]	6	17.07	8	7.28	8	16.26	9	10.49	British	Pacific Metals Corporation	81.0	26.0	9.0	Cristobal	Buenaventura	General	15	132	72
Mahana	7	15.20	8	7.15	8	16.30	8	21.33	British	Shaw, Savill & Albion	499.7	63.3	26.6	London	Auckland	General	4,035	12,151	8,727
Frankenwald	7	15.37	8	8.15	8	17.19	8	18.10	German	Hamburg-American Line	403.0	51.0	19.0	Hamburg	Guayaquil	General	953	6,575	4,490
Lake Gadsden	7	18.51	8	8.45	8	17.35	8	18.40	American	Lykes Brothers (S. B.)	253.4	43.8	19.8	Covenas	Callao	Cattle	450	2,968	2,078
Teno	7	22.35	8	9.30	8	18.22	9	7.39	Chilean	Chilean Line	422.8	56.0	24.0	Greenock	Valparaiso	Gen., coke, coal	4,698	7,758	4,672
Hoven	8	6.55	8	10.03	8	19.09	8	20.23	American	Walker & Daly (S. B.)	434.8	56.2	20.0	Norfolk	Los Angeles	Ballast		7,587	5,305
Steel Seafarer	7	21.37	8	11.00	8	19.55	8	20.50	American	U. S. Steel Products Co	424.2	56.2	26.0	New York	Vancouver	General, steel	8,405	7,611	5,454
J. W. Van Dyke	8	11.52	8	12.03	8	20.53	8	22.02	American	Atlantic Refining Co	435.0	56.0	22.0	Philadelphia	Los Angeles	Ballast		7,460	5,215
Peru [2]	8	11.57	9	6.19	9	14.20	9	15.30	Danish	East Asiatic Co	425.0	55.0	19.5	Copenhagen	Seattle	General	4,792	7,407	5,660
Transvaal	8	14.36	9	7.32	9	18.38	9	19.30	Danish	Orient Steamship Co	349.8	49.7	20.0	Aalborg	Talcahuano	General	3,000	4,853	3,476
Mystic	8	23.50	9	8.11	9	19.19	9	20.31	American	United American Lines	400.0	54.0	27.0	New Orleans	Los Angeles	General	7,670	6,623	4,625
Orleans	9	2.25	9	8.47	9	20.03	9	21.02	American	Orleans Steamship Corporation	395.0	55.0	25.0	New York	Los Angeles	General	6,000	7,330	5,233
Eastern Moon	9	9.00	9	9.15	9	20.48	9	21.56	American	U. S. & Australian Line (S. B.)	384.0	51.0	24.0	New York	Brisbane	General	6,000	5,904	4,321
Highland Heather	9	7.07	9	11.42	9	21.26	9	22.34	British	Nelson Line	389.0	52.0	18.0	Liverpool	Seattle	Ballast		6,275	4,550
Anglo-Saxon	9	15.47	10	6.35	10	15.16	10	16.32	British	Schofield Shipping Co	380.3	50.2	24.4	Tyne	San Francisco	Iron, coke, clay	5,111	5,436	3,939
Esther Dollar	10	9.48	10	10.28	10	17.40	11	2.02	British	Robert Dollar Line	483.0	57.0	26.0	Marseilles	Yokohama	General	4,139	9,873	7,140
Denderah	10	9.55	10	11.30	10	19.03	10	20.02	German	Kosmos Line	328.0	51.0	20.0	Antwerp	Buenaventura	General	4,000	4,924	3,524
Titan	10	6.45	10	13.10	10	20.15	10	21.35	British	Alfred Holt & Co	485.0	58.0	29.0	New York	Yokohama	General	7,722	9,293	6,388
Bologna	8	10.25	11	6.12	11	13.32	11	14.42	Italian	Italian Line	384.9	46.7	19.7	Genoa	Valparaiso	General	455	5,531	3,773
Maple Branch	10	15.25	11	7.35	11	14.32	11	15.37	British	F. and W. Ritson	400.0	52.0	20.4	Port Talbot	Corral	General	4,586	5,618	4,116
Houma	10	22.09	11	8.15	11	15.35	11	16.40	American	McAllister Brothers (S. B.)	434.0	56.0	19.0	Galveston	Los Angeles	Ballast		7,624	5,368
Kiel	11	6.55	11	8.45	11	16.25	11	23.26	German	Kosmos Line	338.9	47.5	17.0	Hamburg	Puntarenas	General	592	4,436	2,764
Imperial	8	14.15	11	10.25	11	17.20	11	18.35	Chilean	Chilean Line	336.8	41.2	23.10	Cristobal	Valparaiso	General	555	3,296	2,156
Toco	11	10.24	11	10.45	11	18.56	11	19.58	British	Sheridan Steamship Co	440.0	56.0	27.0	Tampico	Tocopilla	Crude oil	9,800	7,693	4,885
Kaikoura	8	19.15	12	6.22	12	13.56	12	15.12	British	New Zealand Shipping Co	460.0	58.0	29.0	Liverpool	Auckland	General	8,960	9,057	6,438
Heffron	11	20.40	12	7.28	12	14.47	12	15.53	American	Tampa Interocean Co. (S. B.)	440.0	56.0	28.6	New Orleans	Shanghai	General	7,252	8,349	6,201
Sherman	12	1.22	12	8.02	12	15.51	12	17.00	American	Sherman Steamship Co	400.3	45.3	18.6	New York	Tocopilla	General	1,206	5,037	3,492

[1] Motor schooner.

[2] Motor ship.

Canada Maru	12	3.45	12	8.55	12	17.28	12	18.39	Japanese	Osaka Shosen Kaisha	400.0	51.8	23.0	New Orleans	Yokohama	General	3,659	5,999	4,101
City of Bristol	12	5.24	12	9.20	12	19.05	12	20.33	British	Ellerman Lines	452.0	56.6	25.0	New York	Yokohama	General	6,331	8,044	6,102
William H. Doheny	11	16.02	13	6.25	13	13.55	14	9.20	American	Pan-American Pet. & Trans. Co.	435.0	56.2	22.0	New Orleans	Los Angeles	Crude oil[4]	6,260	7,624	5,329
Pyro[3]	12	21.05	13	7.30	13	14.40	....	.....	American	U. S. Navy	483.10	60.10	24.0	New York	San Diego	Naval supplies	3,389	.....	.....
Munaires	12	22.23	13	8.55	13	18.05	13	21.18	American	Munson Line	370.0	53.0	19.8	Baltimore	San Diego	General	4,175	5,577	4,225
E. T. Bedford	12	23.37	13	9.25	13	18.54	13	20.17	American	Standard Oil Co	499.0	68.0	17.0	New York	Los Angeles	Ballast	.....	.....	.....
Zabalbide	12	23.52	13	10.45	13	19.43	13	20.56	Spanish	Bilbao Maritime Co	331.0	46.9	12.6	Cardiff	Guayamas	Ballast	.....	3,418	2,180
Canadian Cruiser	13	10.00	13	11.15	13	20.40	14	13.51	British	Canadian Government	430.0	56.0	18.6	Halifax	Brisbane	General	3,543	7,680	5,494
Point Judith	13	8.05	13	11.53	13	21.26	13	22.55	American	Pacific Mail Steamship Co	289.0	44.0	16.6	New York	San Francisco	General mdse	1,700	2,895	1,982

[3] Ammunition ship. [4] For Canal ports.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

West Notus	2	1.27	7	7.07	7	14.40	7	14.40	American	Swayne & Hoyt	410.5	54.3	25.0	San Francisco	Buenos Aires	General	3,991	6,513	4,914
Irish Monarch	6	23.00	7	8.04	7	15.50	7	16.30	British	Rearburn & Verel	385.4	48.7	24.0	Iquique	Wilmington	Nitrate	6,601	4,662	3,397
Havre Maru	7	1.30	7	8.14	7	16.42	7	19.15	Japanese	Kukusai Kisen Co	400.0	53.0	25.0	Kobe	United King.	Wheat	7,000	5,886	4,284
Commercial Pathfinder	7	6.40	7	9.25	7	17.07	7	17.07	American	Osage Steamship Co	395.4	49.4	24.0	Seattle	New York	General	6,050	5,220	3,734
Huallaga	7	8.00	7	12.04	7	19.05	14	10.38	Peruvian	Peruvian Line	360.0	44.7	21.0	Iloilo	Cristobal	General	1,492	4,514	2,386
Hazel Branch	7	12.35	7	13.45	7	21.05	8	23.22	British	F. and W. Ritson	400.4	51.2	22.0	Valparaiso	Liverpool	General	6,179	4,208	3,578
Imperial	7	1.00	8	7.15	8	14.15	11	10.25	Chilean	Chilean Line	336.8	41.2	22.0	Valparaiso	Cristobal	General	64	3,296	2,156
Santa Ana	8	6.30	8	7.58	8	14.58	8	21.35	American	Grace Line	360.2	51.6	24.2	Talcahuano	New York	Nitrate	3,910	5,776	4,081
Saint Joseph	8	5.00	8	8.28	8	16.54	8	20.07	French	French Line	121.0	15.0	24.9	Vancouver	Havre	General	6,337	5,979	4,170
Borglum	8	4.45	8	9.47	8	18.25	9	2.11	Danish	C. K. Hansen	285.6	42.2	20.3	Talcahuano	New Orleans	Nitrate	3,369	2,641	1,877
Byron D. Benson	7	20.30	8	10.06	8	17.50	8	17.50	American	Tidewater Oil Co	465.4	60.2	27.0	San Pedro	New York	Oil	11,430	8,546	6,095
Cuba	8	8.15	8	11.35	8	19.10	....	.....	American	Pacific Mail Steamship Co	307.7	42.2	16.0	San Francisco	Cristobal	General	583	3,429	2,206
Meiwu Maru	8	14.20	9	7.04	9	15.18	9	16.55	Japanese	Taiho Kisen Kaisha	445.0	58.0	28.0	Portland	United King.	Wheat	9,132	8,299	5,979
Jason	8	14.30	9	9.55	9	16.33	....	.....	American	U. S. Government	514.0	65.0	22.0	San Diego	Hampton R'ds	Ballast	.....	.....	.....
David McKelvy	9	2.00	9	12.35	9	20.53	9	20.53	American	Tidewater Oil Co	430.0	59.2	26.8	San Pedro	New York	Oil	7,500	7,629	5,393
Caprella	9	9.00	9	12.12	9	19.46	9	23.38	British	Anglo-Saxon Petroleum Co	400.0	52.3	25.6	Los Angeles	Gibraltar[5]	Oil	7,600	6,063	4,087
Radames	9	9.15	9	10.55	9	19.10	9	21.35	German	Kosmos Line	409.0	51.0	25.0	Corral	Hamburg	General	5,283	4,971	3,486
Arabien	9	12.55	9	13.35	9	22.00	9	23.35	Danish	Orient Steamship Co	373.9	51.8	28.0	Valparaiso	Liverpool	General	8,350	6,008	4,665
Rotarian	9	17.00	10	7.09	10	15.16	10	15.16	American	U. S. Shipping Board	380.3	53.1	23.9	Antofagasta	New York	Nitrate	6,592	5,660	4,095
Texan	10	8.10	10	10.35	10	17.57	10	23.12	American	American-Hawaiian Line	411.0	58.0	30.0	Vancouver	Hamburg	General	11,500	9,154	6,926
Ebro	10	13.30	10	14.58	10	21.45	11	11.26	British	Pacific Steam Navigation Co	450.3	58.0	25.5	Valparaiso	New York	General cargo	4,173	9,151	6,227
Steelore	12	13.45	12	13.41	13	11.05	13	11.05	American	Ore Steamship Co	550.3	72.2	34.0	Cruz Grande	New York	Iron ore	19,200	15,551	4,411
Maindy Court	12	14.10	12	15.01	13	9.25	13	11.15	British	Watts, Watts & Co	349.0	51.0	22.6	Makatea	Norfolk[5]	Phosphates	6,055	5,026	3,752
Tiger	13	4.00	13	7.48	13	15.02	13	15.02	American	Standard Transport. Co.	410.0	56.0	24.0	Puget Sound	Baltimore	General	6,700	8,243	6,312
Kifuku Maru	13	6.00	13	8.40	13	17.00	13	18.10	Japanese	Kabushiki Kisen Kaisha	385.0	51.0	25.7	Portland	United King.	Wheat	6,600	5,919	4,389
Delaware	13	10.45	13	11.26	13	20.05	14	7.30	British	Anglo-American Oil Co	345.0	44.3	26.3	San Francisco	London	Oil	4,866	3,968	2,512
Saint Andre	13	13.30	13	14.40	13	22.03	13	23.30	French	French Line	397.9	50.3	26.0	Valparaiso	Bordeaux	Nitrate, tahua	6,350	5,917	4,146
Indiana	13	13.30	13	14.51	13	23.55	14	16.20	French	French Line	417.0	55.0	27.0	Vancouver	Havre	General	7,595	7,157	4,936

[5] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 290, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 20, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kinderdijk	13	6.35	14	6.05	14	14.10	14	15.00	Dutch	Holland-American Line	470.0	58.2	18.5	Rotterdam	San Francisco	General	2,390	8,515	6,068
Saint Louis	13	15.16	14	7.13	14	18.25	14	19.20	French	French Line	398.0	50.0	17.1	Antwerp	Valparaiso	General	660	5,857	4,166
Argosy	13	21.35	14	8.05	14	19.25	15	2.10	American	Wessel Duval & Co. (S. B.)	390.0	54.2	16.6	New York	Talcahuano	General	964½	6,203	4,280
Robin Goodfellow	14	0.36	14	9.00	14	17.34	14	22.23	American	Skinner Eddy Co	428.8	55.0	27.6	Baltimore	Los Angeles	General	9,360	7,473	5,536
Newby Hall	14	6.56	14	9.40	14	20.19	14	21.23	British	Ellerman Hall Lines	375.0	49.0	22.6	New York	Auckland	General	3,750	4,750	3,483
Huallaga	7	19.05	14	10.38	14	21.03	15	3.44	Peruvian	Peruvian Line	360.0	44.7	17.0	Cristobal	Buenaventura	General	371	4,514	2,386
Orita	14	7.37	14	13.25	14	22.00	15	6.58	British	Pacific Steam Navigation Co	485.0	58.2	24.0	Liverpool	Valparaiso	General	3,918	9,936	6,561
Stephen R. Jones	14	11.25	14	13.30	14	22.20	14	23.40	American	Crowell & Thurlow	354.2	49.0	25.9	New York	Seattle	Steel, sugar, gen.	5,700	4,627	3,277
F. H. Hillman	14	20.47	15	6.35	15	14.16	15	15.16	American	Standard Oil Co	500.0	68.2	25.0	Port Arthur	San Francisco	Ballast		11,225	7,913
Cuba	14	17.30	15	7.35	15	15.21	15	16.08	American	Cuba Steamship Co., Inc	299.5	40.0	18.2	Jacksonville	San Francisco	Ballast		3,385	2,075
Sciota[1]	2	14.05	15	7.45	15	15.10			American	U. S. Navy	155.0	30.0		Cristobal	Balboa				
J. N. Pew	15	0.31	15	7.47	15	16.16	15	20.08	American	Sun Steamship Co	480.5	66.0	19.6	Philadelphia	Los Angeles	Ballast		9,494	6,612
American	15	1.00	15	8.50	15	17.10	15	18.20	American	American-Hawaiian Line	406.8	51.1	27.0	Philadelphia	San Francisco	General	7,732	5,918	4,113
Conia	15	6.35	15	9.30	15	17.53	15	22.10	British	Anglo-Saxon Petroleum Co	400.0	52.4	24.0	London	Wilmington	Creosote	7,000	6,037	4,148
Athenic	15	6.28	15	10.35	15	18.58	16	1.48	British	White Star Line	500.0	63.0	26.0	London	Auckland	General	3,155	12,896	9,571
Gen. O. H. Ernst	14	0.48	15	11.22	15	19.50	15	20.48	American	Panama Railroad Steamship Line	356.4	45.3	19.8	New York	Guayaquil	General	1,947	4,503	2,764
Florence Luckenbach	15	12.50	15	13.15	15	20.21	15	21.45	American	Luckenbach Line	401.8	52.0	26.0	New Orleans	Los Angeles	General	7,600	6,002	4,621
Montana	15	20.00	16	6.37	16	14.30	16	21.10	American	Atlantic Transport Co	419.5	56.6	27.0	Philadelphia	Los Angeles	General	7,469	8,696	6,315
Arabia[2]	16	6.25	16	6.25	16	17.42	17	15.51	Panaman	San Blas Trading Co	115.1	26.1	10.0	Colon	Corinto	Ballast		123	69
Resolute	16	6.57	16	7.45	16	15.55	17	1.00	Panaman	United American Line	596.0	72.3	27.0	New York	San Francisco	Passengers		21,082	13,028
Gymeric	15	15.47	16	8.00	16	17.41	16	19.00	British	Andrew Weir & Co	420.3	54.6	20.0	London	San Francisco	Ballast		6,501	4,459
Chester Sun	15	22.21	16	8.50	16	18.40	17	4.45	American	Sun Steamship Co	429.3	59.2	17.0	Philadelphia	Los Angeles	Ballast		7,684	5,299
Commercial Traveler	16	16.16	16	9.32	16	19.34	17	5.50	American	Moore & McCormack Co	380.3	53.1	19.2	New York	Seattle	General	3,906	5,657	4,247
Romeo	16	8.37	16	10.28	16	20.55	17	21.23	British	Ellerman Lines, Ltd	400.0	52.0	25.6	New York	Adelaide	General, oil	5,784	6,185	4,554
Cayuca 2072	15		16		16	12.32			Panaman	A. Sardie				Cristobal	Gatun			3	3
Sagadahoc	16	17.45	17	6.25	17	13.51	18	13.20	American	Argonaut Steamship Line	420.0	54.0	26.0	New York	San Francisco	General, steel	8,900	7,340	5,342
Bogota	16	10.25	17	7.21	17	14.46	17	15.49	British	Pacific Steam Navigation Co	400.0	52.0	22.0	Hull	Valparaiso	General	5,369	5,733	4,015
Tuscan Prince	16	23.50	17	8.15	17	17.23	17	18.35	British	Prince Line, Ltd	420.0	54.1	24.6	Middlesboro	Vancouver	General	6,040½	6,706	5,099
Kumeric	17	7.24	17	9.05	17	19.30	17	21.09	British	Andrew Weir & Co	460.0	55.1	25.0	New York	Chemulpu	General	8,000	8,236	6,256
Santa Barbara	17	9.30	17	10.35	17	20.11	17	21.09	American	Grace Line	404.6	54.0	15.0	New Orleans	Iquique	Ballast		6,789	4,746
Eastwood	17	13.15	17	13.20	17	21.06	17	24.00	British	MacBerth-Blackwood & Laurie	340.0	48.0	14.0	Norfolk	Iquique	Ballast		4,090	3,017
Santa Teresa	17	15.00	18	6.20	18	14.40	18	16.05	American	Grace Line	360.2	51.6	23.0	New York	Talcahuano	General	22,26	5,726	4,086
Agwilake	17	17.45	18	7.41	18	15.53	18	16.55	American	Atl. Gulf & W. I. S. S. Co	468.3	62.7	18.0	Philadelphia	Los Angeles	Ballast		10,108	7,483

[1] Tug. [2] Motor schooner.

Pakeha	17	20.47	18	8.15	18	16.50	18	17.55	British	Shaw Savill & Albion	477.5	63.1	27.0	Glasgow	Auckland	General	6,017	10,995	8,173
Dakotan	18	3.26	18	9.15	18	17.55	18	19.00	American	American-Hawaiian Line	407.7	53.7	24.0	New York	Los Angeles	General	6,000	7,156	5,058
Drielle	17	20.03	19	6.32	19	13.40	19	14.34	Dutch	Royal Netherlands W. I. Mail	402.0	58.0	20.0	Antwerp	Guayaquil	General	3,264	7,322	5,254
Arna	18	22.58	19	7.15	19	14.48	19	15.54	Norwegian	S. M. Kuhnle & Son	410.0	54.0	15.0	Newport News	Iquique	Ballast	.....	6,258	4,744
Arcturus	19	0.03	19	8.15	19	15.33	19	16.30	German	Argo Line	370.0	51.0	18.0	Bremen	Corral	General	2,157	4,899	3,704
Willsolo	19	7.35	19	8.50	19	16.48	19	17.55	American	Williams Steamship Line	434.3	57.7	26.0	Philadelphia	Seattle	General	5,980	7,983	5,882
James B. Duke	19	8.00	19	9.55	19	17.28	19	16.30	American	Garland Line	385.0	51.2	17.0	New York	Gray's Harbor	General	1,064½	6,242	4,471
Steel Trader	18	17.42	19	10.25	19	18.20	19	19.20	American	U. S. Steel Products Co	424.0	56.0	26.2	New York	San Diego	General	8,300	7,611	5,450
Bethore	19	9.55	19	11.03	19	19.25	19	20.52	American	Ore Steamship Co	550.3	72.2	26.0	New York	Cruz Grande	Ballast	.....	15,476	11,102
Lehigh	19	4.46	19	11.48	19	20.10	19	21.17	American	N. Atl. & West. S. S. Co. (S. B.)	390.0	54.2	20.1	Portland	Seattle	General	2,817	6,142	4,276
Dramatist	19	11.31	19	12.00	19	21.30	19	23.25	British	Harrison Line	410.0	52.3	24.6	Liverpool	Vancouver	General	5,045	6,202	4,154
Diadem	19	12.30	19	13.02	19	22.00	19	23.35	British	Hall Brothers	390.0	54.0	15.0	New Orleans	Mejillones	Ballast	.....	5,918	4,142
Bethelridge	19	19.03	20	6.23	20	16.41	20	17.40	American	Walke & Daley (S.B.)	431.0	59.0	20.0	Mobile	Los Angeles	Ballast	.....	8,099	5,426
Argonne[3]	18	19.57	20	7.45	20	17.31	21	13.30	American	U. S. Navy	448.0	58.0	22.0	New York	San Francisco	General	378	5,878	43,35
Alvarado	15	19.32	20	8.05	20	18.28	20	21.40	British	MacAndrews & Co	303.0	43.0	16.4	New York	Guayaquil	General	293	2,844	1,748
Cuba	8	19.10	20	8.53	20	18.31	20	23.50	American	Pacific Mail Steamship Co	307.8	42.3	19.3	Cristobal	San Francisco	General	.....	3,429	2,206
Nevadan	20	9.15	20	10.23	20	19.22	20	20.37	American	American-Hawaiian Line	368.8	55.2	23.6	Baltimore	Los Angeles	General	6,071	5,671	3,627
George Washington[4]	20	2.32	20	12.11	20	20.05	21	18.00	Norwegian	Peter Olsen	425.5	55.3	21.6	Kristiansand	San Francisco	General	5,977	7,505	5,627
Andrea F. Luckenbach	20	11.26	20	12.34	20	21.31	21	1.20	American	Luckenbach Line	496.0	68.2	25.6	Philadelphia	Los Angeles	General	9,100	11,487	8,762

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Chancellor	13	15.40	14	7.10	14	14.10	14	14.10	British	Harrison Line	384.0	52.0	23.2	Seattle	London	General, lumber	6,200	5,377	3,800
Logician	13	19.24	14	8.03	14	15.55	14	16.40	British	Harrison Line	399.5	47.0	25.3	Vancouver	Liverpool	General	5,965	5,124	3,697
Birmingham City	13	20.30	14	8.40	14	17.35	14	18.50	American	Isthmian Steamship Lines	395.5	55.0	26.6	Portland	London	Wheat	6,995	6,841	4,686
Chile Maru	13	20.14	14	9.39	14	17.30	14	18.00	Japanese	Kabushiki Kisen Kaisha	385.0	58.0	26.0	Vancouver	Europe	Wheat	7,456	5,923	4,409
Eastern Planet	14	11.00	14	11.25	14	18.40	14	23.45	American	U. S. & Australia Line	384.8	51.2	17.6	Melbourne	New York	General	220	6,235	4,480
Katuna	13	16.10	14	12.13	14	20.05	15	0.15	British	Ellerman & Bucknell	400.0	52.0	26.6	San Pedro	New York	General	7,331	6,025	4,392
Samuel Q. Brown	14	1.37	14	12.42	14	20.30	14	20.25	American	Tidewater Oil Co	424.4	58.2	26.1	San Pedro	New York	Oil	10,000	7,333	5,246
Acme	14	14.50	15	6.59	15	15.03	15	15.03	American	Standard Transport Co	435.0	56.0	27.3	Manila	New York	Cocoanut oil	6,630	7,405	5,166
Wiegand	14	16.30	15	7.05	15	16.07	15	17.40	German	Roland Line	393.0	54.0	23.6	Talcahuano	Hamburg	General	6,300	6,573	4,629
Viborg	14	23.00	15	8.10	15	17.01	15	18.05	Danish	C. K. Hansen	283.4	42.1	.....	Iquique	Denmark	Nitrate	3,182	2,578	1,795
O-13[5]	.....	.....	15	9.20	15	16.10	.....	.....	American	U. S. Navy	175.0	16.4	.....	Balboa	Cristobal	.....	.....	.....	.....
Balboa	15	8.45	15	10.10	15	17.20	16	18.10	Colombian	Cia. Costanera Colombiana	170.0	29.1	14.6	Tumaco	Pto. Colombia	General	37	737	335
Ooma	15	16.15	16	6.54	16	14.55	16	16.10	British	Wm. Crosby	358.0	49.2	20.6	Tremantle	New York	Wool	3,000	4,796	3,512
Lancaster	15	20.00	16	7.56	16	15.41	16	15.41	American	Norton Lilly & Co	434.3	57.7	25.0	Everett	Boston	General	7,460	7,943	5,872
Devolente	15	22.02	16	8.41	16	17.05	16	17.05	American	Walter & Dally	435.0	56.0	26.8	San Pedro	New York	Oil	9,344	7,613	5,312
Herakles	16	9.30	16	10.09	16	18.40	16	20.05	Norwegian	Dupont	389.8	54.1	24.9	Valparaiso	Norfolk[6]	Nitrate	8,000	5,681	4,220
Oregonian	16	10.00	16	10.54	16	20.04	16	21.40	American	United American Lines	406.8	51.1	26.0	Tacoma	Philadelphia	General	5,300	5,959	4,203
Alkmaar	16	13.45	16	14.30	16	23.01	17	12.18	Dutch	Royal Dutch West India Mail	447.0	63.0	27.6	Valparaiso	Amsterdam	General	10,417	9,505	6,644
Sciota	.....	.....	17	7.25	17	13.15	.....	.....	American	U. S. Navy	155.0	30.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Munindies	14	19.00	17	12.35	17	19.22	17	19.22	American	Munson Line	370.0	53.0	23.3	Coos Bay	New York	General	5,600	5,527	4,099
Cardita	17	9.30	17	13.57	17	21.10	17	22.20	British	Anglo-Saxon Petroleum Co	399.5	52.0	25.7	San Pedro	Lisbon	Oil	7,280	6,023	4,111
Brush	17	12.30	17	14.35	17	23.00	18	16.45	American	Nor. Atl. & Western S. S. Co	390.0	54.2	24.0	Seattle	Portland	General	5,172	6,209	4,317
Carolyn	17	9.30	18	7.43	18	14.50	18	21.25	American	A. Bull Steamship Co	313.6	46.1	20.0	Gray's Harbor	New York	Lumber	2,259	3,644	2,566
Henderson	17	1.30	18	8.13	18	15.31	18	16.31	American	U. S. Navy	483.10	51.10	21.0	San Francisco	Norfolk	Navy Stores	14	.....	.....
Amur Maru	17	23.50	18	8.52	18	17.12	18	17.12	Japanese	Osaka Shosen Kaisha	425.0	56.0	24.5	Otaku	New York	General	7,072	7,901	5,629

[3] Transport. [4] Motor ship. [5] Submarine. [6] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
China Maru	18	8.15	18	9.44	18	18.35	18	20.20	Japanese	Kabushiki Kisen Kaisha	385.1	51.0	26.0	Vancouver	Norfolk	Wheat	7,535	5,924	4,395
Cedar Branch	18	10.50	18	11.32	18	19.22	18	19.22	British	F. W. Ritson	380.5	51.0	22.6	Mejillones	London	Nitrate	5,287	4,927	3,597
Ramapo	17	12.30	19	7.05	19	15.55	22	7.35	American	U. S. Navy	461.6	60.0	27.0	Los Angeles	Port Arthur				
Northern Star	18	15.00	19	7.55	19	16.37	19	16.37	American	United American Lines, Inc.	386.8	52.2	21.0	Bellingham	Philadelphia	General	5,462	5,682	4,086
Salvador	19	4.55	19	9.10	19	17.33			British	Pacific Steam Navigation Co.	215.0	33.5	16.3	Champerico	Cristobal	General	1,120	1,270	735
Manavi	19	6.12	19	9.20	19	17.44			British	Pacific Steam Navigation Co.	216.0	35.1	11.6	Guayaquil	Cristobal	General	216	1,357	884
City of Victoria	19	15.30	20	7.10	20	14.05	20	14.05	British	British-Canadian Steamship Co.	411.5	54.1	24.0	Vancouver	London	Wheat	6,035	6,612	4,998
Carolinian	19	18.30	20	8.29	20	16.08	20	17.05	American	Garland Steamship Co	359.8	50.2	23.6	Seattle	New York	Lumber	6,000	4,642	3,510
Robert Luckenbach	19	19.30	20	8.33	20	16.55	20	16.55	American	Luckenbach Line	445.0	50.0	24.0	Portland	New York	General	7,900	8,617	6,297
Grangepark	19	21.00	20	8.57	20	17.31	20	20.20	American	J. J. Denholhm	400.0	52.3		Junin	Europe	Nitrate	7,350	5,710	4,022
Harry Luckenbach	20	4.00	20	9.58	20	19.10	20	19.10	American	Luckenbach Line	448.9	60.2	25.0	Portland	Boston	General	2,315	9,282	6,853
Lena Luckenbach	20	7.25	20	10.15	20	20.07	20	20.07	American	Luckenbach Line	425.0	53.8	22.6	Portland	Mobile	General	3,512	7,217	5,295
Patuxent			20	8.40	20	19.0[illegible]	20	18.58	American	U. S. Navy	156.0	24.0		Balboa	Cristobal				

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
January 14	Atenas	United Fruit Co	New Orleans via Habana.
January 15	Amassia	Hamburg-American Line	Hamburg via wayports.
January 16	San Gil	United Fruit Co	Boston via Habana.
January 17	Berlin	T. Nielsen	New Orleans via wayports.
January 17	Coppename	United Fruit Co	New Orleans via Habana.
January 17	Sixaola	United Fruit Co	New York via Kingston.
January 18	Atenas	United Fruit Co	Bocas del Toro.
January 18	Puerto Rico	French Line	St. Nazaire and wayports.
January 18	Antillian	Leyland Line	Liverpool via wayports.
January 18	Metapan	United Fruit Co	Colombian ports.
January 19	Pastores	United Fruit Co	New York via wayports.
January 20	Camito	Elders & Fyffes, Ltd	Port Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
January 15	Atenas	United Fruit Co	Bocas del Toro.
January 16	Amassia	Hamburg-American Line	Port Limon.
January 17	San Gil	United Fruit Co	Boston via Port Limon.
January 17	Berlin	T. Nielsen	New Orleans.
January 18	Coppename	United Fruit Co	New Orleans via wayports.
January 18	Sixaola	United Fruit Co	Colombian ports.
January 18	Atenas	United Fruit Co	New Orleans.
January 18	Metapan	United Fruit Co	New York via Kingston.
January 19	Puerto Rico	French Line	St. Nazaire and wayports.
January 20	Pastores	United Fruit Co	New York via wayports.
January 20	Camito	Elders & Fyffes, Ltd	Kingston.
January 20	Antillian	Leyland Line	New Orleans.

PORT OF BALBOA.

January 15	Memnon	General Steamship Corp	Gray's Harbor.	January 15	Memnon	General Steamship Corp	Valparaiso.
January 15	Darien	Obarrio & Co	Las Pamas.	January 19	Darien	Obarrio & Co	Sea.
January 18	Lady Sybil	International Petroleum Co	Talara.				

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, January 27, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Orient City	20	14.47	21	6.30	21	19.14	21	20.05	British	St. Just Steamship Co	396.0	53.0	24.0	Port Arthur	Rockhampton	General	6,350	5,682	4,229
Lyons Maru	21	7.00	21	7.28	21	19.52	21	21.04	Japanese	Nippon Yusen Kaisha	445.0	58.0	23.8	New York	Yokohama	(4)	5,697	7,720	5,497
El Condado	21	6.40	22	6.25	22	13.57	22	16.10	Spanish	Cie. Gen. de Navigacion	330.6	48.9	12.0	Cardiff	Iquique	Ballast		3,730	2,637
Trekieve	21	20.28	22	7.35	22	15.42	22	16.57	British	E. Hain & Sons	400.0	52.4	21.0	St. John's	Auckland	General	4,342	5,766	4,083
Archer	21	15.03	22	7.55	22	19.37	22	20.39	American	Barber Line (S. B.)	440.0	56.0	22.3	New York	Honolulu	General, case oil.	5,752	8,315	6,100
Radnor	22	6.15	22	8.50	22	20.23	23	15.00	American	Tampa Interocean S. S. Co. (S.B.)	434.3	57.7	27.1	New Orleans	Honolulu	General, case oil.	8,549	7,993	5,871
Agwibay	22	6.50	22	9.33	22	21.15	23	2.45	American	Guarantee Trust Co.	468.3	62.7	18.0	Baltimore	Los Angeles	Ballast		10,084	7,431
Santa Paula	21	6.50	22	10.43	22	21.58	22	22.50	American	Grace Line	404.6	53.0	23.2	New York	Tacoma	General	6,048	6,756	4,775
Lochgoil[1]	22	6.30	23	6.20	23	16.30	23	19.48	British	Royal Mail Steam Packet Co	485.0	62.0	22.5	Rotterdam	Los Angeles	General	4,348	10,803	7,590
Petricola	22	17.41	23	7.45	23	17.20	23	21.12	British	Anglo-Saxon Petroleum Co	412.0	53.3	20.0	London	San Francisco	Ballast		6,331	4,422
John D. Archbold	22	19.25	23	8.00	23	19.02	23	20.00	American	Standard Oil Co.	554.9	75.3	23.0	New York	Los Angeles	Ballast		14,785	10,313
Hermes	22	7.24	23	8.54	23	20.04	24	13.25	Dutch	Royal Netherlands W. I. Mail	363.0	48.0	19.6	London	Guayaquil	General	3,556	4,182	3,059
Mineola	22	20.48	23	9.00	23	20.25	24	2.45	American	Grace Line	298.6	40.0	18.0	New York	Salaverry	General	1,804	2,835	1,805
Norman Monarch	22	23.56	23	10.40	23	20.55	23	22.08	British	Monarch Steamship Line	400.0	52.0	18.0	Savannah	Arica	Ballast		5,568	4,146
Tilthorn	23	6.37	23	11.05	23	22.36	23	23.40	Norwegian	Britannia Steamship Co	420.2	53.9	15.0	Newport News	Iquique	Ballast		6,591	4,730
Sabine Sun	22	11.40	23	12.14	23	21.37	23	20.36	American	Sun Oil Co	445.1	59.0	19.11	Chester	Los Angeles	Ballast		7,898	5,459
Kambangan	23	11.40	24	6.25	24	14.15	24	15.35	Dutch	Nederland Steamship Co	430.0	50.0	16.5	Newport News	Antofagasta	Ballast		7,197	5,000
Grace Dollar	24	6.47	24	7.30	24	16.00	24	20.56	British	Dollar Line	478.0	56.0	17.0	New York	Vancouver	General	1,500	7,118	5,196
Sciota[2]	17	13.15	24	7.40	24	14.09	24	22.45	American	U. S. Navy	155.0	30.0		Cristobal	Balboa				
Peshawur	24	6.37	24	11.40	24	18.16	25	7.17	British	Peninsula & Oriental Line	450.0	58.0	26.5	London	Auckland	General, iron	5,202	8,174	5,332
Erviken	23	22.55	24	13.26	24	20.20	25	7.39	Norwegian	H. J. Wallan	420.0	54.0	14.0	Boston	Caleta Colosa	Ballast		6,979	5,131
John A.[3]	24		24		24	13.33			American	J. A. Walker				Cristobal	Gatun Lake	Ballast		10	10
Owego	24	4.46	25	6.30	25	15.08	25	16.25	American	S. F. Cottle	325.0	41.0	21.7	New Orleans	San Diego	General	3,600	3,215	2,033
Bengalis	24	11.37	25	7.30	25	15.50	25	17.35	Dutch	Nederland Steamship Co	417.7	54.5	18.10	Immingham	Iquique	Ballast		6,964	5,019
Port Bowen	24	23.04	25	8.17	25	17.06	25	18.00	British	Commonwealth & Dom. Line	485.0	62.0	25.0	New York	Auckland	General	2,647	10,745	7,849
W. S. Rheem	25	0.32	25	8.55	25	18.00	25	18.54	American	Standard Oil Co	500.0	68.2	23.0	New York	Los Angeles	Ballast		11,224	7,860
Aysen	22	20.05	25	9.31	25	19.17	25	20.26	Chilean	Chilean Line	379.6	44.3	20.6	Cristobal	Valparaiso	General	497	4,535	3,068
Muncaster Castle	23	23.50	25	10.30	25	20.25	26	0.25	British	James Chambers & Co	412.0	50.0	27.3	Boston	Manila	General	6,001	5,721	4,305
Agwistar	25	2.23	25	11.00	25	21.10	25	22.13	American	New York & Cuba Mail S. S. Co	370.0	53.1	25.3	Philadelphia	Portland	General	6,800	5,523	4,203
Jesseric	25	10.28	25	11.50	25	22.05	25	23.28	British	Andrew Weir & Co	370.0	52.0	21.0	Port Talbot	Antofagasta	Ballast		5,906	4,443
Point Arena	24	18.45	25	12.00	25	22.06	25	15.45	American	Siler Mill & Co	251.0	43.5	18.5	Philadelphia	San Francisco	General	3,250	2,373	1,605
Ensley City	25	2.54	25	13.05	25	22.55	26	1.35	American	U. S. Steel Products Co	396.0	55.0	21.7	Philadelphia	Talcahuano	General, mach'y.	4,459	7,285	5,256
Mari	25	12.20	26	6.45	26	16.42	26	17.55	Peruvian	Compania Naviera Amaze	350.0	50.0	20.0	Newport	Callao	Coke and coal	4,500	4,346	3,084
Salvador	19	17.33	26	7.25	26	15.35	26	16.45	British	Pacific Steam Navigation	215.0	35.4	14.4	Cristobal	Champerico	General	551	1,270	735
Balboa	24	19.30	26	7.25	26	15.29	26	16.45	Colombian	Compania Costancia Colombiana	190.0	29.1	13.6	Pto. Colombia	Buenaventura	General, salt	364	737	335

[1] Motor ship. [2] Tug. [3] Launch. [4] Tin plate, machinery, engine oil, cotton, and merchandise.

Java	25	13.45	26	8.40	26	16.47	26	17.55	Dutch	Nederland Steamship Co	369.0	48.0	16.6	Amsterdam	Iquique	Ballast		5,071	3,615
Akera	23	18.45	26	9.00	26	17.35	26	18.45	British	Anglo-Saxon Petroleum Co	401.0	52.0	19.0	Cristobal	Los Angeles	Ballast		6,132	4,512
Aegina	25	23.35	26	9.40	26	18.12	26	22.08	German	Roland Line	317.0	46.0	14.0	Hamburg	Puntarenas C.R	General	490	3,529	2,532
J. C. Donnell	26	8.20	26	10.20	26	19.10	26	20.13	American	Atlantic Refining Co	500.0	68.0	24.0	Philadelphia	Los Angeles	Ballast		10,435	8,400
Gothicstar	25	16.24	26	11.05	26	20.16	27	12.15	British	Blue Star Line	420.5	54.7	16.0	London	Seattle	Ballast		7,521	5,852
Susquehanna	26	12.55	26	13.05	26	21.04	27	22.08	American	Swayne & Hoyt (S. B.)	501.0	58.0	29.10	New Orleans	Los Angeles	General	5,967	11,064	7,526
Jason [5]	9	16.33	26	14.07	26	16.43			American	U. S. Navy	514.0	65.0	30.3	Cristobal	Gatun Lake	Coal for fleet	9,000		
Orient	26	14.15	27	6.35	27	14.13	27	15.43	American	Oriental Navigation Co	376.4	52.0	23.6	Mobile	Los Angeles	General	6,000	5,455	3,879
Aconcagua	26	13.30	27	7.30	27	15.48	27	16.55	Chilean	Chilean Line	422.8	56.2	23.3	New York	Valparaiso	General	865	7,758	4,705
Roland	26	20.20	27	8.10	27	16.46	27	18.13	German	Roland Line	361.0	51.5	19.4	Hamburg	Corral	General	2,704	4,791	3,374
Mantaro	21	22.30	27	10.40	27	18.16	27	23.56	Peruvian	Peruvian Line	360.0	46.0	16.6	Cristobal	Callao	General	461	4,838	2,959
Lewis Luckenbach	27	1.08	27	8.51	27	17.27	27	18.40	American	Luckenbach Line	496.0	68.2	25.1	New York	Los Angeles	General	8,538	11,487	8,762

[5] Collier

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Denver			21	6.58	21	14.30	21	21.15	American	U. S. Navy	292.0	44.0	15.0	Balboa	Cristobal				
Chuky	20	16.15	21	8.10	21	15.01	21	15.01	British	Chile Steamship Co	440.8	56.0	12.0	Tocopilla	Tampico	Ballast		7,636	4,942
Benjamin Brewster	20	20.45	21	8.53	21	16.19	21	16.19	American	International Petroleum Co	411.6	53.2	24.6	Talara	Habana	Oil	7,638	6,177	4,244
Venezuela	20	21.15	21	9.43	21	17.17	22	4.25	Italian	Italian Line	437.2	51.6	24.6	Valparaiso	Genoa	General	4,000	7,596	5,011
Almagro	21	2.00	21	11.09	21	17.34	22	16.30	British	Pacific Steam Navigation Co	303.0	43.0	17.6	Guayaquil	New York	General	1,765	2,878	1,714
Yayoi Maru	21	7.45	21	11.41	21	20.05	21	21.50	Japanese	Kokusai Kisen Kabushiki Kaisha	400.0	53.0	24.6	Portland	United King	Wheat	7,177	5,869	4,286
Delaware Sun	21	5.00	21	12.58	21	20.25	21	20.45	American	Sun Co	480.9	66.0	28.0	San Pedro	Philadelphia	Oil	13,500	9,402	6,586
Elder Branch	21	12.30	21	13.45	21	22.05	22	9.05	British	F. W. Ritson	380.0	49.8	23.0	Pimental	Liverpool	General	6,087	4,951	3,592
Mantaro	21	13.40	21	14.57	21	22.30	27	10.40	Peruvian	Peruvian Line	367.3	46.0	17.6	Iloilo	Cristobal	General	1,330	4,838	2,959
Santa Elisa	22	4.50	22	8.10	22	14.20	22	21.10	American	Grace Line	360.3	51.7	23.2	Talcahuano	New York	General	3,243	5,957	4,325
Lake Gadsden	22	6.00	22	8.45	22	16.05	23	1.20	American	Lyken Brothers, Inc	253.4	43.8	17.0	Callao	Conenas	Ballast		2,968	2,078
Peursum	22	7.30	22	9.20	22	17.37	22	19.00	Dutch	Vinke Line	280.0	40.0	20.2	Tocopilla	New Orleans	Nitrate	3,310	2,713	1,667
Norfarer	22	8.00	22	10.28	22	19.30	22	21.20	Danish	Grace Line	364.2	47.4	23.6	Iquique	Baltimore	Nitrate	6,008	4,289	3,106
Portland Maru	22	12.30	22	10.17	22	21.43	22	21.43	Japanese	Kokusai Kisen Kabushiki Kaisha	315.0	51.0	25.0	Vancouver	Hampton R'ds	Wheat	7,500	5,919	4,424
Osiris	22	11.00	22	14.54	22	22.47	22	22.47	German	Kosmos Line	376.0	51.0	23.10	Valparaiso	Hamburg	General	6,390	5,788	4,023
Aysen	21	19.15	22	13.08	22	20.09	25	9.31	Chilean	Chilean Line	378.8	43.9	19.0	Talcahuano	Cristobal	General	270	4,535	3,068
Hanover	22	8.00	23	8.00	23	15.35	24	7.10	American	Tampa Interocean Steamship Co	434.3	57.7	23.0	Taku Bar	New York	General	8,080	7,982	5,910
Orinoco	22	18.55	23	7.49	23	15.27	23	15.27	American	Orinoco Steamship Co	376.4	52.3	20.0	San Francisco	Boston	General	3,829	5,456	3,902
William Rockefeller	22	19.00	23	8.41	23	17.40	23	17.40	American	Standard Oil Co	554.9	75.3	32.3	San Pedro	New York	Oil	20,000	14,785	10,312
Akera	22	22.00	23	9.08	23	18.44	26	9.00	British	Anglo-Saxon Petroleum Co	400.9	52.3	25.6	San Pedro	Cristobal	Oil	6,922	6,132	4,512
Dillwyn	22	22.13	23	12.45	23	21.55	23	21.55	American	Walker & Dally	435.0	56.0	32.0	San Pedro	New York	Oil	8,265	7,602	5,312
Winding Gulf	23	1.20	23	10.31	23	18.42	23	18.42	American	Castner Curran & Bullitt	368.6	55.2	22.9	Gay's Harbor	New York	Lumber	6,300	5,677	3,603
Grant	23	7.00	23	11.19	23	20.16	24	18.00	American	U. S. Army	508.0	55.3	23.7	San Francisco	New York	General	1,232		
Poljana	23	9.30	24	7.07	24	14.53	24	14.53	Norwegian	Winge & Co	360.7	52.2	24.0	Mejillones	Pensacola	Nitrate	7,086	5,451	3,820
Kennecott	23	15.30	24	8.08	24	15.32	25	6.35	American	Williams Steamship Co	345.3	49.6	22.8	Seattle	Norfolk	General, lumber	4,629	4,593	3,381
Eemdijk	24	7.30	24	8.41	24	17.10	24	23.15	Dutch	Holland-American Line	407.2	58.0	23.5	Seattle	Rotterdam	General	7,913	8,514	6,066
Scotland Maru	24	7.55	24	9.50	24	18.15	24	19.15	Japanese	Kokusai Kisen Kabushiki Kaisha	385.0	51.0	25.0	Portland	Hampton R'ds	Wheat	7,613	5,919	4,392
Garfield	24	8.40	24	10.03	24	17.15	24	21.15	American	Grace Line	299.0	45.0	16.0	Salaverry	New York	General	1,406	3,228	2,010
Robert E. Hopkins	23	23.00	24	10.47	24	18.58	24	18.58	American	Tidewater Oil Co	424.4	58.2	26.5	Los Angeles	New York	Oil	10,237	7,333	5,244
Kalfarli	24	22.00	25	8.09	25	17.00	25	17.00	Norwegian	Daniel Steen	414.5	53.7	29.3	Caleta Buena	New York	Nitrate	8,800	6,616	4,532
Santa Malta	24	24.00	25	8.12	25	16.00	25	16.00	American	Pacific Mail Steamship Co	404.6	53.7	26.6	Seattle	New York	General	6,800	6,766	4,809

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Clan McWilliams	6	3.50	25	8.50	25	17.40	25	17.40	British	Clan Line	423.3	55.8	25.6	Melbourne	New York	General	9,710	7,838	5,894
Albert Jeffers	25	1.00	25	8.58	25	17.51	25	17.51	American	Luckenbach Line	384.6	51.2	17.0	Portland	Mobile	General	2,400	6,347	4,453
Oropesa	25	11.30	25	13.11	25	21.35	26	1.45	British	Pacific Steam Navigation Co	530.0	66.3	30.0	Punta Arenas	Liverpool	General	5,918	14,510	10,260
Laura C. Hall	25	8.00	25	12.55	25	22.15	.....	.....	British	Pacific Metals Corp	81.0	28.0	10.0	Buenaventura	Cristobal	(6)	50	132	72
Montpelier	25	13.30	25	14.11	25	22.15	25	22.15	American	United American Lines	460.0	57.9	24.9	San Francisco	New York	General	.....	6,368	4,161
Port Victor	25	15.30	26	6.59	26	14.45	26	16.45	British	Commonwealth & Dom. Line	470.0	58.0	24.0	Wellington	Hull	General	5,857	9,334	6,682
North American	25	19.00	26	7.43	26	14.25	26	20.45	British	American Transport Co	251.0	43.0	20.0	Caleta Buena	Mobile	Nitrate	3,200	2,444	1,571
Trident	26	2.10	26	8.31	26	18.00	26	19.12	British	Hall Brothers	400.0	51.0	21.8	Vancouver	Millaza	Grain	6,283	4,718	3,418
Ohio Maru	26	2.55	26	8.54	26	18.15	26	20.14	Japanese	Kokusai Kisen Kobushiki Kaisha	385.0	51.0	25.0	Vancouver	Europe	Wheat	7,535	5,928	4,381
Edward Pierce	26	8.00	26	10.08	26	19.48	26	21.00	American	Crowell & Thurlow	354.2	49.0	23.0	Everett	Baltimore	Copper, lumber	6,000	4,591	3,261
Sciota	.....	.....	27	7.00	27	14.31	.....	.....	American	U. S. Navy	155.0	30.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Edgar F. Luckenbach	27	5.00	27	8.03	27	14.42	27	14.42	American	Luckenbach Line	425.0	57.3	24.6	Los Angeles	New York	General	8,900	8,568	6,705
Hallgyn	27	7.50	27	8.57	27	15.52	27	15.53	Norwegian	A. Anderson	420.0	54.0	23.6	Valparaiso	New York	Lumber	6,700	.....	.....
Paris City	27	8.10	27	10.01	27	17.45	28	13.15	British	W. R. Smith & Sons	412.0	55.0	26.6	Vancouver	Genoa	Wheat	8,964	6,673	4,764
Nordkap	27	9.30	27	11.17	27	19.16	27	19.00	Danish	Ardmore Steamship Co	340.0	42.7	43.6	Iquique	Savannah	Nitrate	5,200	3,755	2,712

[6] Gold, platinum, and hides.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
January 21	Santa Marta	United Fruit Co	New Orleans via Habana.
January 22	Van Renselaer	Royal Netherlands W. I. Mail	Amsterdam via wayports.
January 24	Parismina	United Fruit Co	NewOrleans via wayports.
January 24	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
January 24	Carrillo	United Fruit Co	New York via Kingston.
January 25	Sixaola	United Fruit Co	Colombian ports.
January 26	Ulua	United Fruit Co	New York via wayports.
January 26	Van Renselaer	Royal Netherlands W. I. Mail	Port Limon.
January 27	Megantic	White Star Line	New York via Kingston.
January 27	San Benito	United Fruit Co	Boston via wayports.

*DEPARTURES.

Date.	Vessel.	Line.	For—
January 23	Van Renselaer	Royal Netherlands W. I. Mail	Port Limon.
January 23	Colon	Panama Railroad Steamship Line	New York via Haiti.
January 23	Santa Marta	United Fruit Co	New Orleans via wayports.
January 25	Parismina	United Fruit Co	New Orleans via wayports.
January 25	Carrillo	United Fruit Co	Colombian ports.
January 26	Sixaola	United Fruit Co	New York via Kingston.
January 26	Bravo	Mexican Government	Vera Cruz.
January 27	San Benito	United Fruit Co	Boston.
January 27	Ulua	United Fruit Co	New York via wayports.
January 27	Van Renselaer	Royal Netherlands W. I. Mail	Amsterdam via wayports.

PORT OF BALBOA.

January 22	Baja California	A. O. Lindvig	Vancouver.	January 22	Baja California	A. O. Lindvig	Guayaquil.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 3, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Santa Gertrudis	27	13.35	28	6.30	28	14.27	28	15.18	British	San Antonio Steamship Co.	238.6	36.6	16.3	Puerto Mexico	Guayamas	Case oil, grease	1,091	1,492	835
Canadian Volunteer	27	18.50	28	6.35	28	15.44	28	18.07	British	Canadian Government	320.0	44.2	21.5	Guantanamo	Vancouver	Nails, rum, sugar	3,355	3,224	2,008
Cacique	27	18.15	28	7.55	28	16.42	28	21.35	American	Grace Line	394.2	52.3	14.6	Baltimore	Iquique	Ballast	.....	6,652	4,913
Robin Adair	27	22.47	28	8.28	28	17.36	28	21.30	American	Seas Shipping Co.	424.8	55.2	27.0	New York	Seattle	Steel, general	8,837	7,470	5,529
Charles H. Cramp	28	7.20	28	9.20	28	18.28	29	4.15	American	Argonaut Steamship Corporation	404.0	53.9	28.0	Baltimore	San Francisco	General, steel	7,750	6,755	4,750
Venezuela	27	0.20	28	9.32	28	19.10	29	13.35	American	Pacific Mail Steamship Co.	380.0	48.6	24.0	Baltimore	San Francisco	General	3,165	6,033	4,353
Sunbeam	28	9.23	28	10.40	28	19.58	29	3.30	American	Sun Oil Co.	429.3	59.2	18.0	Chester	Los Angeles	Ballast	.....	7,701	5,472
William A. McKenney	28	7.45	28	12.05	28	20.52	28	22.03	American	Crowell & Thurlow	395.0	55.0	24.6	Baltimore	Los Angeles	General	6,982	6,532	4,528
Alaskan	28	21.35	29	6.37	29	18.34	29	19.36	American	American-Hawaiian Line	470.1	57.2	24.6	New York	Los Angeles	General	8,300	9,250	6,861
Kofuku Maru	28	0.58	29	7.30	29	19.25	29	22.00	Japanese	Kokusai Kisen Kaisha	385.0	51.0	24.0	New York	Yokohama	General	5,341	5,920	4,409
David McKelvy	29	9.23	29	9.45	29	20.10	29	21.18	American	Tidewater Oil Co.	430.0	59.2	19.0	New York	Los Angeles	Ballast	.....	7,629	5,393
Zenon	28	13.55	29	10.55	29	20.58	29	22.00	French	French Line	423.6	55.0	18.2	Antwerp	San Francisco	General	1,853	6,982	4,934
Empress of France	29	8.45	30	6.25	30	14.19	30	21.41	British	Canadian Pacific Line	610.0	72.0	31.10	New York	San Francisco	Passengers only	.....	19,292	11,968
Thorgerd	29	15.07	30	7.20	30	16.00	30	20.46	Norwegian	B. Bjornstad & Co.	251.0	43.0	13.0	Habana	San Miguel	Ballast	.....	2,706	1,762
Edward Luckenbach	29	16.45	30	8.10	30	17.11	30	18.14	American	Luckenbach Line	436.0	57.0	30.0	Philadelphia	Los Angeles	General	8,238	8,543	6,427
Huguenot	29	21.28	30	8.52	30	19.11	30	20.10	American	McAllister Brothers (S. B.)	434.0	56.0	21.0	Galveston	Los Angeles	Ballast	.....	7,587	5,247
Robin Gray	30	12.55	30	13.10	30	20.40	31	2.20	American	Robin Line	424.5	55.2	27.6	Baltimore	Bellingham	General	9,462	7,472	5,542
Bryon D. Benson	30	13.40	31	6.37	31	14.19	31	15.20	American	Tidewater Oil Co.	465.0	60.0	21.6	New York	Los Angeles	Ballast	.....	8,546	6,095
Ribera	30	14.50	31	7.22	31	15.10	31	16.15	British	F. Bolton & Co.	400.0	50.0	15.0	Pensacola	Arica	Ballast	.....	5,469	4,042
Sciota[1]	27	14.31	31	.....	31	14.10	.....	.....	American	U. S. Navy	155.0	30.0	.....	Cristobal	Balboa	.....	.....	.....	.....
Paparoa	30	7.17	31	8.10	31	16.47	31	23.24	British	New Zealand Shipping Co.	430.0	54.2	30.0	London	Wellington	General	5,871	8,209	6,121
Oak Branch	30	17.40	31	9.00	31	17.41	31	18.45	British	F. and W. Ritson	385.0	49.9	20.0	Liverpool	La Libertad	General	3,700	5,209	4,031
Canadian Importer	30	14.10	31	9.39	31	19.15	30	20.30	British	Canadian Government	399.0	52.0	14.9	Antilla	Vancouver	Ballast	.....	5,891	4,186
Edgemoor[2]	30	17.05	31	10.40	31	20.08	31	21.16	American	U. S. Army	409.6	54.2	17.0	New York	Honolulu	Army supplies	2,419	.....	.....
Gold Shell	31	12.00	31	12.31	31	20.58	1	5.50	American	Gold Shell Steamship Co.	411.6	53.4	20.6	Bordeaux	Los Angeles	Ballast	.....	6,151	4,285
Benjamin Brewster	31	6.20	31	13.05	31	21.50	31	22.45	American	Standard Oil Co.	411.6	53.2	20.8	Habana	Talara	Ballast	.....	6,177	4,244
Sumatra	31	6.35	1	7.23	1	13.54	1	16.00	Dutch	Nederland Steamship Co.	393.6	51.3	14.0	Amsterdam	Mejillones	Ballast	.....	5,945	4,256
Santa Ana	31	12.21	1	7.46	1	14.55	1	16.45	American	Grace Line	360.2	51.6	21.0	New York	Valparaiso	General	1,643	5,776	4,081
Cordelia	1	6.55	1	8.1	1	15.55	5	21.25	British	C. T. Bowring & Co.	420.3	54.0	16.0	Barrow	San Francisco	Ballast	.....	6,837	5,043
Tresithney	1	7.10	1	9.1	1	16.46	1	17.50	British	Hain Steamhip Co.	472.5	59.3	25.0	New York	Brisbane	General	7,903	8,710	6,216

[1] Tug. [2] Transport.

Ohioan	1	7.30	1	9.35	1	18.05	1	23.50	American	American-Hawaiian Line	407.0	53.7	25.0	Philadelphia	Los Angeles	General	6,270	7,112	4,896
Ebro	1	5.23	2	6.22	2	13.55	2	16.35	British	Pacific Steam Navigation Co	450.0	57.8	24.0	New York	Valparaiso	General	1,852	9,151	6,227
Madoera	1	4.02	2	7.25	2	17.13	2	18.35	Dutch	Netherland Steamship Co	480.0	60.0	22.3	Amsterdam	Antofagasta	Ballast	.....	9,550	6,620
Samuel Q. Brown	1	22.17	2	8.15	2	15.20	2	16.15	American	Tidewater Oil Co	424.4	58.2	19.0	New York	Los Angeles	Ballast	.....	7,333	5,246
Luise Nielsen	2	2.42	2	9.00	2	17.50	3	0.55	Norwegian	B. Stolt Nielsen & Co	409.9	54.0	16.0	New York	Tocopilla	Ballast	.....	6,617	4,834
Agwimex	2	6.10	2	9.25	2	18.44	3	4.54	American	Atl. Gulf & W. I. S. S. Co	430.5	63.0	20.0	Boston	Los Angeles	Ballast	.....	.....	.....
Agwisea	2	6.35	2	10.25	2	19.28	3	3.30	American	Atl. Gulf & W. I. S. S. Co	468.3	62.7	21.0	Port Arthur	Los Angeles	Ballast	.....	10,153	7,388
Tjibesar	2	8.35	2	11.00	2	20.30	3	14.44	Dutch	Java China Japan Line	519.0	63.0	20.0	Amsterdam	Caleta Colosa	Ballast	.....	11,700	8,274
Great City	2	9.22	2	11.55	2	21.35	2	22.58	British	W. R. Smith & Sons	433.9	56.9	25.6	Middlesboro	San Francisco	Iron, coke, bricks	7,921	7,029	5,478
Sheafmead	2	16.51	3	6.55	3	15.24	3	16.45	British	W. A. Souter & Co	380.0	53.0	16.0	Ardrossan	Taltal	Ballast	.....	5,326	4,008
Darien	2	15.40	3	6.09	3	15.20	3	19.36	Panaman	O'Barrio & Co	92.0	26.0	7.0	Cristobal	La Palma	Ballast	.....	169	50
Slavic Prince	3	3.34	3	7.35	3	16.15	4	15.20	British	Prince Line, Ltd	448.5	57.2	23.9	New York	Iloilo	General	7,000	9,139	6,759
Sudbury	3	4.10	3	8.22	3	17.04	3	18.03	American	Shawmut Steamship Co	384.8	51.2	22.6	Charleston	Portland	General	5,131	5,571	4,033
Eagle	3	7.00	3	9.22	3	17.52	3	18.45	American	Standard Transportation Co	410.0	56.0	24.3	Boston	Seattle	General	5,615	8,243	6,266
Dochra	3	12.03	3	12.10	3	19.43	4	0.20	American	Barber Line	380.0	51.0	21.0	Baltimore	Seattle	General	4,450	5,158	3,813

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Ammon	27	14.30	28	7.00	28	15.12	28	17.35	German	Kosmos Line	438.0	57.0	23.0	Valparaiso	Hamburg	General	7,524	7,341	5,200
H. M. Storey	27	17.40	28	7.53	28	15.40	28	16.40	American	Standard Oil Co	500.0	68.2	29.6	Los Angeles	New York	Oil	15,400	11,224	7,849
Commercial Trader	28	1.00	28	8.30	28	16.48	28	16.48	American	Honolulu Steamship Line	399.0	51.0	26.5	Port Angeles	New York	General, lumber	5,950	6,190	4,455
Yaye Maru	28	7.35	28	8.40	28	18.35	28	19.50	Japanese	Kokusai Kisen Kaisha	425.0	23.8	27.6	Maroran	United King.	Wheat	9,287	6,798	5,174
Junin	28	6.40	28	9.54	28	19.25	29	11.26	British	Pacific Steam Navigation Co	391.5	50.0	24.3	Valparaiso	London	General	5,288	5,930	4,395
Ares	28	9.55	28	10.35	28	20.50	1	9.55	Dutch	Royal Netherlands W. I. Mail	340.0	48.0	22.6	Bahia	Cristobal	Nitrate, general	4,745	4,385	3,195
G. Harrison Smith	27	19.30	28	14.21	29	14.12	29	14.12	British	International Petroleum Co	550.3	72.0	33.0	Cruz Grande	New York	Iron ore	20,000	15,476	11,102
Satsuma	28	18.25	29	6.51	29	14.45	29	15.58	American	Barber Line	370.3	48.7	24.6	Darien	Philadelphia	General	4,682	5,370	3,810
Annam	29	3.15	29	8.30	29	14.40	29	18.50	Danish	East Asiatic Co	410.0	55.0	26.9	Vancouver	Copenhagen	General	7,946	7,067	5,286
Cape Town	27	6.00	29	8.57	29	14.40	31	9.17	British	British Navy	450.0	42.0	14.5	San Pedro	Bermuda ports	.....	.....	.....	.....
Magellan	29	6.00	29	9.54	29	18.45	30	11.25	British	Pacific Steam Navigation Co	461.6	59.3	26.0	Corral	London	Nitrate, general	8,727	8,817	6,063
Terrier	29	6.00	29	10.06	29	19.35	29	21.00	Norwegian	Du Pont	400.0	52.0	34.6	Iquique	New Orleans	Nitrate	8,000	5,639	4,161
Rimutaka	28	20.15	29	11.24	29	21.10	30	4.17	British	New Zealand Shipping Co	457.0	59.0	25.0	Wellington	London	General	5,300	9,159	6,883
Marie Maersk	29	7.00	29	11.19	29	21.50	30	0.26	Danish	A. P. Moller	360.0	51.2	25.10	Tocopilla	Tampa	Nitrate	7,194	4,971	3,428
Kasenga	29	7.30	29	12.57	29	22.54	29	23.20	British	Ellerman & Bucknall	456.0	58.0	26.0	Vancouver	Hull	General	9,278	7,766	5,741
Grelbank	29	2.00	29	7.58	29	16.32	30	2.14	British	G. J. Gould & Co	399.5	52.2	25.6	Antofagasta	.....	Nitrate	7,018	5,730	3,986
Marore	29	10.10	29	14.29	30	13.35	30	14.40	American	Ore Steamship Co	550.2	75.2	32.6	Cruz Grande	Baltimore	Iron ore	20,000	15,551	4,297
Ucayali	28	18.15	30	7.04	30	14.09	....	....	Peruvian	Peruvian Line	374.7	46.3	18.0	Callao	Cristobal	General	1,176	4,466	2,405
Munsomo	29	16.15	30	7.56	30	15.11	30	15.11	American	Munson Line	327.2	46.2	21.4	Gray's Harbor	New York	Lumber	3,500	3,750	2,728
Lima	29	17.30	30	8.39	30	16.33	30	19.55	Swedish	Johnson Line	364.0	51.5	24.5	San Francisco	Stockholm	General	6,000	5,304	3,900
Republic	29	22.00	30	9.08	30	17.55	30	18.09	American	Chile Steamship Co	345.1	49.5	25.0	Antofagasta	New York	Nitrate, copper	4,200	4,393	3,006
Acajutla	29	23.00	30	9.37	30	16.45	....	....	British	Pacific Steam Navigation Co	215.7	33.5	16.2	Champerico	Cristobal	General	877	1,273	706
Arizonan	30	4.00	30	10.58	30	19.28	30	19.28	American	United American Lines	400.1	57.2	31.6	Tacoma	Hamburg	General	11,300	9,158	6,970
Jan Van Nassau	30	12.20	30	13.30	30	21.07	31	12.45	Dutch	Royal Netherland W. I. Mail	361.6	44.2	32.6	Antofagasta	Havre	Nitrate	3,989	3,919	2,632
Ecuador	30	6.38	30	14.50	30	22.00	31	18.00	American	Pacific Mail Steamship Co	380.6	48.7	24.0	San Francisco	New York	General	3,000	5,926	4,178
Bessemer City	30	20.10	31	6.59	31	14.35	1	6.15	American	Norton Lilly & Co	442.2	56.2	24.0	Everett	New York	General	6,000	7,611	5,450
Floridian	31	0.28	31	7.45	31	16.17	31	16.17	American	United American Lines	415.0	53.7	23.0	Portland	New York	General	5,381	7,273	5,105
Steel Scientist	31	6.45	31	8.06	31	17.00	31	17.00	American	Isthmian Line	424.2	56.2	25.6	Honolulu	Boston	General	7,079	7,611	5,454
Tottori Maru	31	11.00	31	11.57	31	20.18	1	7.15	Japanese	Nippon Yusen Kaisha	422.5	56.0	22.6	Hongkong	New York	General	7,969	6,444	4,667
Nitrotis	31	12.20	31	13.26	31	22.50	1	1.45	German	Kosmos Line	411.8	50.7	25.0	Corral	Hamburg	Nitrate	6,072	6,652	4,704

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Toco	31	17.00	31	6.53	31	14.22	1	15.55	British	Chile Steamship Co	440.8	56.0	26.6	Tocopilla	Tampico	Ballast	.....	7,693	4,885
Wabash	31	22.30	31	8.01	31	16.17	1	17.05	American	North Atlantic & West. S. S. Co.	381.0	49.9	23.6	Seattle	Portland, Me.	General	4,991	5,825	4,152
George Allen	1	18.10	2	7.01	2	15.28	2	15.28	American	Gaarland Steamship Co	385.3	51.2	24.2	Seattle	Philadelphia	General	4,015	6,224	4,465
Darien	1	20.00	2	7.08	2	15.40	3	6.09	Panaman	Anglo-American S. S. Agency	92.0	26.0	7.0	Buenaventura	Cristobal	Coffee	88	169	50
Atto	1	18.05	2	7.47	2	16.21	2	17.15	German	Roland Line	360.0	51.0	23.6	Corral	Hamburg	General	5,565	4,805	3,400
Hertford	1	23 48	2	8.24	2	17.00	2	19.15	British	Federal Steam Navigation Co.	520.7	54.0	25.0	Sydney	New York	General	8,150	12,384	8,683
Standard	2	13.57	2	14.44	2	23.10	2	23.10	American	Standard Oil Co	523.0	69.0	30.6	San Pedro	New York	Oil	17,570	12,170	9,012
Nietheroy	2	12.15	3	6.53	3	14.47	3	14.47	British	Royal Mail Steam Packet Co.	450.0	58.0	25.0	Seattle	London	General	5,204	8,874	6,558
Sciota [1]	...	.....	3	7.02	3	14.40	...	.....	American	U. S. Navy	155.0	30.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Canadian Conqueror	3	9.45	3	7.56	3	16.42	3	18.20	British	Canadian Government	400.0	33.0	15.0	Auckland	Halifax	General	2,070	5,951	4,126
J. W. Van Dyke	3	2.30	3	8.30	3	17.03	3	17.03	American	Atlantic Refining Co	435.0	56.0	28.0	Los Angeles	Philadelphia	Oil	10,000	7,460	5,215
Nordhvalen	3	5.00	3	9.29	3	18.35	3	19.45	Danish	Wessel Duval & Co	320.0	41.8	23.3	Iquique	Cristobal [2]	Nitrate	4,908	3,547	2,581
Walter A. Luckenbach	3	8.55	3	10.31	3	18.22	3	18.22	American	Luckenbach Line	446.5	56.1	27.6	Portland	New York	General	7,050	8,785	6,567

[1] Tug. [2] For orders. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
January 28	Abangarez	United Fruit Co	New Orleans via Habana.
January 29	Amassia	Hamburg American Line	Puerto Barrios.
January 29	Perou	French Line	Havre via wayports
January 30	Empress of Britain	Canadian Pacific Line	New York via wayports.
January 30	San Bruno	United Fruit Co	Boston via Habana.
January 30	Cristobal	Panama Railroad Steamship Line	Norfolk.
January 31	Cartago	United Fruit Co	New Orleans via Habana.
January 31	Tivives	United Fruit Co	New York via Kingston.
February 1	Carrillo	United Fruit Co	Colombian ports.
February 1	Abangarez	United Fruit Co	Bocas del Toro.
February 2	Panama	Panama Railroad Steamship Line	New York via Haiti.
February 2	Toloa	United Fruit Co	New York via wayports.
February 3	Bayano	Elders & Fyffes, Ltd	Port Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
January 28	Megantic	White Star Line	La Guayra.
January 29	Amassia	Hamburg-American Line	Cartagena.
January 29	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
January 29	Abangarez	United Fruit Co	Bocas del Toro.
January 31	San Bruno	United Fruit Co	Boston via Port Limon.
January 31	Empress of Britain	Canadian-Pacific Line	La Guayra and West Indies
January 31	Cartago	United Fruit Co	New Orleans via wayports.
February 1	Tivives	United Fruit Co	Colombian ports.
February 1	Carrillo	United Fruit Co	New York via Kingston.
February 1	Abangarez	United Fruit Co	New Orleans.
February 2	Perou	French Line	Havre via wayports.
February 3	Toloa	United Fruit Co	New York via wayports.
February 3	Bayano	Elders & Fyffes, Ltd	Kingston.

PORT OF BALBOA.

January 28	Seiyo Maru	Toyo Kisen Kaisha	Hongkong.	January 30	Seiyo Maru	Toyo Kisen Kaisha	Valparaiso.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 17, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Havre Maru	3	14.10	4	6.18	4	15.18	4	16.45	Japanese	Osaka Shosen Kaisha	407.3	50.10	25.0	New York	Singapore	(7)	5,801	6,234	4,496
Coaxet	2	16.45	4	7.20	4	16.12	4	17.25	American	Barber Line (S. B.)	401.0	53.0	25.0	Port Arthur	Taku Bar	Kerosene	7,289	6,597	4,778
Delft	3	2.50	4	8.04	4	17.06	4	18.00	Dutch	Royal Netherlands W. I. Mail Co	370.0	50.0	19.9	Hamburg	Corral	General	2,747	5,862	4,393
Tacoma[1]	4	6.57	4	8.10	4	17.06	...	...	American	U. S. Navy	292.0	38.0	17.0	Boston	Balboa	...	...	...	...
Spreewald[2]	4	1.54	4	9.12	4	17.59	4	19.30	German	Hamburg-American Line	399.0	54.0	18.0	Hamburg	Corral	General	2,700	6,791	4,997
Agwistone	4	4.26	4	10.05	4	18.51	5	1.14	American	Atl. Gulf & W. I. S. S. Line	500.0	68.1	18.0	Newport News	Los Angeles	Ballast	...	10,776	8,292
Solana	3	1.15	4	10.13	4	19.36	4	20.40	American	Pacific Mail Steamship Co	419.5	56.5	18.2	Tampico	Los Angeles	Ballast	...	7,043	5,041
Amersfoort	4	10.57	4	11.45	4	20.31	5	19.25	Dutch	Kon. Ned. Stoomb Maats	482.6	62.7	16.6	Rotterdam	Taltal	Ballast	...	9,615	6,525
Losada[2]	3	22.50	4	12.36	4	21.27	4	22.30	British	Pacific Steam Navigation Co	406.1	54.2	18.0	Hamburg	Corral	General	2,867	7,221	4,844
Hannah	4	15.30	5	6.22	5	14.20	5	17.35	British	Rahtkens Steamship Co	350.4	50.0	13.0	Newcastle	Napier	Ballast	...	4,485	3,365
William Perkins	5	9.15	5	9.35	5	19.53	6	7.40	American	Garland Steamship Corporation	409.0	54.0	23.0	Norfolk	Los Angeles	General	6,081	6,757	4,802
Eastern Sea	4	17.05	5	10.35	5	20.38	5	21.20	American	U. S. & Australia Line (S. B.)	384.0	51.1	24.6	New York	Brisbane	General	7,010	5,934	4,415
Chuky	5	14.40	6	6.37	6	16.07	6	17.30	British	Chile Steamship Co	440.0	56.0	26.3	Tampico	Tocopilla	Crude oil	9,475	7,636	4,942
Ramapo[3]	6	0.54	6	7.45	9	15.46	...	...	American	U. S. Navy	497.10	60.0	27.6	Port Arthur	Balboa	Fuel oil	9,942	...	...
Ucayali	1-30	14.09	6	10.50	6	17.55	6	22.09	Peruvian	Peruvian Line	374.0	46.0	18.6	Cristobal	Callao	General	449	4,466	2,405
Acajutla	1-30	16.45	6	10.30	6	18.00	6	21.45	British	Pacific Steam Navigation Co	215.7	33.0	15.5	Cristobal	Champerico	General	849	1,273	706
Manavi	1-19	17.44	6	11.25	6	18.53	6	23.00	British	Pacific Steam Navigation Co	216.0	35.1	13.0	Cristobal	Guayaquil	General	479	1,357	884
Minnesotan	6	12.28	6	12.40	6	19.48	7	0.48	American	American-Hawaiian Line	407.0	53.7	25.0	Boston	Los Angeles	General	6,500	7,150	4,913
Jacob Luckenbach	5	23.55	6	13.10	6	21.08	6	22.25	American	Luckenbach Line	414.6	53.7	28.6	Mobile	Seattle	General	7,400	7,315	5,270
Swiftwind	6	20.30	7	6.25	7	14.37	7	17.55	American	Swiftsure Oil Transport	464.6	6.0.0	17.0	Fall River	Los Angeles	Ballast	...	8,473	5,997
Bjornstjerne Bjornson	6	22.03	7	8.20	7	18.43	7	22.00	Norwegian	Olaf Orvig	410.0	54.0	15.0	Pensacola	Mejillones	Ballast	...	6,304	4,752
Devolente	7	3.06	7	8.58	7	19.15	7	20.25	American	Walker & Daly (S. B.)	435.0	56.0	20.0	New York	Los Angeles	Ballast	...	7,613	5,312
New Britain	7	3.38	7	9.40	7	21.15	8	10.38	American	Great Northwestern S. S. Corp	386.0	52.0	22.0	Jacksonville	Los Angeles	General	5,800	5,684	4,082
Columbia	7	6.25	7	10.20	7	21.11	7	22.40	American	N. O. & S. A. S. S. Co	238.7	41.3	20.8	New Orleans	San Francisco	Ballast	...	2,339	1,546
Julia Luckenbach	6	23.43	7	10.36	7	22.06	7	23.28	American	Luckenbach Line	436.0	57.0	26.8	Boston	Los Angeles	General	6,782	8,543	6,402
William G. Warden	7	10.50	7	12.00	7	22.53	7	23.51	American	Standard Oil Co	500.0	68.0	19.6	New York	Los Angeles	Ballast	...	10,503	8,409
Podah[4]	...	...	8	6.15	8	16.45	...	...	American	L. V. Stevens	39.0	10.0	4.0	Cristobal	Los Angeles	Ballast	...	13	8
Hatipara	7	20.49	8	6.45	8	14.43	8	17.40	British	British India Steam Nav. Co	445.0	58.0	28.7	Galveston	Adelaide	General	8,884½	8,341	6,010
Trontolite	7	19.23	8	7.35	8	15.53	8	17.10	British	Imperial Oil Co	420.8	57.0	20.0	Halifax	Talara	Ballast	...	7,345	5,051
Atlanterhavet	8	5.57	8	8.15	8	16.51	8	21.35	Danish	Atlanterhavet Steamship Co	378.0	52.0	12.0	New York	Iquique	Ballast	...	5,814	4,490
Willfaro	8	6.24	8	9.20	8	17.35	8	18.55	American	Williams Line	386.8	52.2	23.0	New York	Seattle	Steel, general	4,261	5,684	4,113
Mary Luckenbach	8	6.40	8	9.25	8	18.21	9	1.15	American	Luckenbach Lne	410.0	54.0	20.0	Mobile	Los Angeles	Manf. goods	1,260	6,500	4,511
Lake Frances	6	7.10	8	10.2[illegible]	8	20.00	8	21.35	American	Pacific Securities Co	252.0	43.5	18.0	Freeport	San Francisco	Sulphur	2,092	21,46	1,363

[1] Cruiser. [2] Motor ship. [3] Tanker. [4] Yacht.

Agwihavre	8	10.40	8	11.05	8	19.12	9	8.35	American	Agwihavre Steamship Co	490.0	66.0	20.0	Boston	Los Angeles	Ballast		9,394	6,436
Bawean	9	6.45	9	8.20	9	18.42	10	11.58	Dutch	Nederland Steamship Co	420.0	54.0	16.0	Amsterdam	Tocopilla	Ballast		6,573	4,661
City of Melbourne	9	9.30	9	9.35	9	20.06	9	21.17	British	Ellerman Hall Line	412.0	56.0	24.3	Norfolk	Yokohama	General	6,043	6,799	4,763
Maine	9	10.30	9	10.45	9	20.33	11	2.50	American	Frank V. Barnes	402.0	52.0	26.0	New York	San Francisco	General	8,150	6,936	4,998
Balboa	5	23.55	10	6.24	10	13.35	10	14.50	Colombian	Compania Costancia Colombiana	190.0	29.0	11.5	Cristobal	Buenaventura	General	1	737	335
Laura C. Hall	25	22.25	10	6.15	10	13.50	11	10.29	British	Pacific Metals Corporation	81.0	25.0	9.0	Cristobal	Buenaventura	General	19	132	72
Fairfield City	9	11.53	10	7.28	10	14.57	10	16.04	American	U. S. Steel Products Co	424.0	56.0	27.2	Baltimore	San Diego	General	8,462	7,611	5,450
Sciota[5]	3	14.40	10	7.45	10	13.46	10	16.42	American	U. S. Navy	155.0	30.0	.....	Cristobal	Balboa				
William Rockefeller	9	19.58	10	8.15	10	16.11	10	17.05	American	Standard Oil Co	554.9	75.3	24.0	Baltimore	Los Angeles	Ballast		14,785	10,313
Dillwyn	10	6.18	10	9.00	10	16.58	10	17.57	American	Walker & Daly (S. B.)	435.0	56.0	19.0	New York	Los Angeles	Ballast		7,441	5,180
Iowa[6]	10	9.10	10	9.40	10	18.02			American	U. S. Navy				Guantanamo	Balboa				
Contocook[5]	10	9.10	10	9.45	10	18.02			American	U. S. Navy				Guantanamo	Balboa				
Prometheus[7]	10	9.14	10	10.45	10	18.53			American	U. S. Navy	450.0	60.0	22.0	Guantanamo	Balboa	Naval supplies			
El Montecillo	10	6.24	10	11.05	10	19.52	10	21.30	Spanish	Compania Gen. de Navegacion	330.0	48.10	13.0	Las Palmas	Iquique	Ballast		34,64	2,310
Newport	5	17.40	10	11.45	10	20.10	11	2.30	American	Pacific Mail Steamship Co	326.0	38.0	17.8	Cristobal	San Francisco	General	1,468	3,173	2,163
Peursum	10	6.48	10	11.55	10	20.40	11	1.20	Dutch	Vinke & Co	280.0	40.0	.....	New Orleans	Talcahuano	General	2,371	2,713	1,867

[5] Tug. [6] Obsolete battleship. [7] Supply ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

[8] Oil, sulphate ammonia, machinery, tobacco leaf, car couplers, starch, and rosin.

Chattanooga City	3	15.00	4	6.57	4	14.06	4	14.06	American	Isthmian Steamship Co	424.2	56.2	25.0	Vancouver	New York	Lumber, copper	7,050	7,611	5,450
Kentuckian	3	23.00	4	8.03	4	16.04	4	16.04	American	United American Lines	414.5	53.7	27.0	Seattle	Boston	General	6,358	7,049	4,941
Amazonas	2	17.45	4	8.36	4	16.58	4	20.30	Peruvian	Peruvian Lines	350.0	42.5	22.0	Callao	St. Michael	Sugar	3,600	3,545	2,382
Santa Rosalia	4	9.15	4	10.00	4	18.04	4	20.05	American	Isthmian Steamship Co	406.0	52.6	22.5	Mejillones	Wilmington	Nitrate	7,973	5,899	4,443
Point Lobos	4	9.30	4	10.43	4	18.09	4	18.09	American	Swayne & Hoyt	280.0	44.0	18.0	San Francisco	Tampico	General, lumber	3,100	2,895	1,967
Mexico[9]	([10])	13.15	5	7.00					British	S. Pearson & Co	250.0	41.0	12.6	Salina Cruz	London	Ballast		1,695	247
Easterner	4	23.00	5	7.43	5	15.28	5	22.45	American	United States & American Line	385.0	51.0	17.0	Melbourne	Boston	General	1,735	5,945	4,561
Newport	4	16.45	5	10.14	5	17.40	10	11.45	American	Pacific Mail Steamship Co	326.0	39.2	23.9	San Francisco	Cristobal	General	1,669	3,173	2,163
Santa Veronica	5	4.30	5	10.15	5	17.36	5	17.36	American	Isthmian Steamship Co	251.0	43.6	23.0	Anacortes	New York	Lumber	2,040	2,123	1,740
Santa Luisa	5	11.50	5	12.52	5	19.10	5	23.56	American	Grace Line	360.2	51.6	25.0	Talcahuano	New York	General	3,094	5,694	3,975
Chateau Thiery	5	12.30	5	13.09	5	20.50	7	11.03	American	U. S. Army	448.0	58.0	24.10	San Francisco	New York	Army supplies	626		
Buyo Maru	5	11.45	5	14.18	5	22.45	6	19.00	Japanese	Kokusai Kisen Kaisha	400.0	53.0	25.0	Makatea	Norfolk[11]	Phosphate	7,500	5,931	4,248
Benvenue	5	12.20	5	14.25	5	24.00	6	9.40	British	Ben Line	360.0	46.1	19.4	Apia	Hamburg	Copra	3,935	4,173	3,011
Balboa	5	13.45	5	14.28	5	23.55	10	6.24	Colombian	Compania Costancia Colombiana	190.0	29.1	12.3	Tumaco	Cristobal	General	480	737	335
Essequibo	5	17.00	6	6.52	6	15.07	7	0.56	British	Pacific Steam Navigation Co	450.0	58.0	24.8	Valparaiso	New York	General	3,616	9,099	6,117
William Campion	5	18.00	6	7.40	6	16.38	6	16.38	American	Luckenbach Line	384.0	51.2	18.7	Portland	Mobile	General	1,795	6,327	4,433
Missourian	5	22.00	6	8.45	6	17.40	6	17.40	American	United States & American Line	445.1	59.8	29.0	Tacoma	Hamburg	General	10,000	8,567	6,020
Ryufuku Maru	5	20.00	6	9.07	6	18.13	6	18.13	Japanese	Kokusai Kisen Kaisha	385.0	51.0	25.0	Vancouver	United King.	Wheat	7,385	5,919	4,400
Plum Branch	6	10.10	6	11.04	6	19.35	6	21.50	British	F. and W. Ritson	398.6	58.0	32.0	Mejillones	Liverpool	Nitrate, general	6,099	5,761	3,881
E. J. Bedford	6	12.20	6	13.15	6	21.36	6	21.36	American	Standard Oil Co	499.2	68.1	30.5	Los Angeles	Baltimore	Oil	16,000	11,020	,8 122
Hamburg Maru	6	15.00	7	7.07	7	15.14	7	15.14	Japanese	Osaka Shosen Kaisha	400.0	54.5	21.0	Singapore	New York	General	6,134	6,094	4,301
Evelyn	6	16.40	7	7.53	7	16.12	7	16.12	American	Williams Steamship Co	313.6	46.1	21.3	Tacoma	New York	General	2,600	3,515	2,560
Santa Barbara	7	8.50	7	9.24	7	17.40	7	22.20	British	Grace Line	404.6	54.0	22.6	Iquique	Charleston	Nitrate	8,700	6,789	4,746
Huanchaco	7	10.20	7	11.02	7	19.14	7	20.35	American	Pacific Steam Navigation Co	390.6	50.0	24.4	Corral	Liverpool	General	5,768	5,905	4,391
President Hayes	6	22.30	7	11.47	7	20.45	7	21.45	American	Swayne & Hoyt	502.1	62.2	26.6	San Francisco	Buenos Aires	General	4,262	12,023	8,443
Nitro	7	14.03	7	15.01	7	23.14	10	6.00	American	U. S. Navy	459.8	61.1	30.6	Seattle	Norfolk	Navy supplies	412		
Ipswich	7	17.30	8	7.15	8	14.58	8	14.58	American	American-Hawaiian Line	400.7	54.2	24.0	Seattle	New Orleans	General	7,699	6,616	4,614
Homestead	8	16.30	9	6.45	9	14.47	9	14.47	American	Nawsco Line	395.5	55.0	25.5	Westport	New York	Lumber	7,000	7,285	5,256
Hoven	8	17.00	9	8.10	9	15.48	9	15.48	American	Walker & Dally	434.8	56.2	26.3	San Pedro	New York	General	9,577	7,426	5,144
Houma	8	23.45	9	8.18	9	16.32	9	16.32	American	McAllister Brothers	434.8	56.2	26.3	Los Angeles	New York	Petroleum	9,156	7,425	5,168

[9] Dredge. [10] August 12, 1922. [11] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal		Completed transit.		Cleared for sea		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Romanstar	1	12.30	9	11.19	9	18.30	9	18.30	British	Blue Star Line	400.0	54.0	26.0	Vancouver	London	General	5,451	7,433	5,870
Mongolian Prince	9	13.10	9	12.33	9	20.30	9	22.15	British	Prince Line	421.0	56.0	24.0	Vancouver	Hull	Wheat	8,200	6,460	4,735
K. I. Luckenbach	9	11.35	9	13.14	9	22.00	10	10.10	American	Luckenbach Line	446.0	57.0	28.0	Seattle	New York	Lumber	6,000	8,552	6,237
Iowan	9	12.00	9	14.10	9	22.40	10	2.55	American	United American Lines	407.7	53.7	25.8	Los Angeles	Boston	General	6,393	7,091	5,002
Benjamin Brewster	9	13.15	9	15.04	10	1.24	10	1.24	American	International Petroleum Co.	411.6	53.2	25.3	Talara	Habana	Oil	7,700	6,177	4,244
Frogner	8	18.00	9	14.21	10	0.05	10	1.15	Norwegian	Fearnley & Eger	407.1	53.8	26.6	Tocopilla	New York	Copper ore	8,484	7,010	5,310
Thorgerd	9	22.00	10	7.53	10	15.40	10	17.10	Norwegian	Munson Line	251.3	43.8	19.3	Congo River	New Orleans	Mahogany	2,000	2,706	1,762
Bethore	9	23.55	10	12.58	11	13.50	11	14.55	American	Ore Steamship Corporation	550.3	72.2	32.6	Cruz Grande	New York	Iron ore	19,450	15,476	11,102

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
February 4	Atenas	United Fruit Co.	New Orleans via Habana.
February 4	Asian	Leyland Line	Liverpool via wayports.
February 4	O-2, O-5, O-7 [12]	U. S. Navy	High seas.
February 5	Crynssen	Royal Netherlands W. I. Mail	Amsterdam via wayports.
February 5	Orca	Royal Mail Steam Packet Co.	New York via wayports.
February 6	Heredia	United Fruit Co.	New Orleans via Habana.
February 7	Actor	Harrison Line	Liverpool via wayports.
February 7	Metapan	United Fruit Co.	New York via Kingston.
February 7	Tivives	United Fruit Co.	Colombian ports.
February 8	Atenas	United Fruit Co.	Bocas del Toro.
February 9	Calamares	United Fruit Co.	New York via wayports.
February 9	Crynssen	Royal Netherlands W. I. Mail	Port Limon.
February 9	Buenos Aires	Spanish Line	Barcelona via wayports.
February 10	San Blas	United Fruit Co.	Port Limon.
February 10	Adalia	Hamburg-American Line	Hamburg via wayports.

*DEPARTURES.

Date.	Vessel.	Line.	For—
February 5	Atenas	United Fruit Co.	Bocas del Toro.
February 6	Asian	Leyland Line	New Orleans.
February 6	Crynssen	Royal Netherlands W. I. Mail	Port Limon.
February 6	Orca	Royal Mail Steam Packet Co.	La Guayra.
February 8	Heredia	United Fruit Co.	New Orleans via wayports.
February 8	Tivives	United Fruit Co.	New York via Kingston.
February 8	Actor	Harrison Line	Cienfuegos.
February 8	Atenas	United Fruit Co.	New Orleans.
February 9	Metapan	United Fruit Co.	Colombian ports.
February 9	Panama	Panama Railroad Steamship Line	New York via Haiti.
February 10	Calamares	United Fruit Co.	New York via wayports.
February 10	Crynssen	Royal Netherlands W. I. Mail	Amsterdam via wayports.
February 10	San Blas	United Fruit Co.	Boston.

PORT OF BALBOA.

February 4	Conus	Anglo-Saxon Petroleum Co.	San Pedro.
February 7	Anyo Maru	Toyo Kisen Kaisha	Valparaiso.
February 7	Darien	Obarrio & Co.	Las Palmas.
February 8	Lompoc	Union Oil Co.	Port San Luis.
February 10	Delrosa	General Steamship Corporation	Valparaiso.
February 10	Tustem	Struthers & Barry	San Francisco.

February 5	Conus	Anglo-Saxon Petroleum Co.	San Pedro.
February 7	Anyo Maru	Toyo Kisen Kaisha	Hongkong.
February 10	Lompoc	Union Oil Co.	Port San Luis.
February 10	Delrosa	General Steamship Corporation	San Francisco.

[12] Submarines.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 17, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Sagoland	10	19.13	11	6.42	11	13.44	11	14.52	Swedish	Axel Brostrom	430.0	54.0	15.0	Rotterdam	Iquique	Ballast		6,840	5,014
Canadian Constructor	10	19.34	11	7.45	11	14.38	12	0.44	British	Canadian Government	430.0	56.0	24.6	New London	Brisbane	General	6,000	7,680	5,494
Delaware Sun	11	3.55	11	8.15	11	15.38	12	5.20	American	Sun Oil Co	480.5	66.0	22.0	Philadelphia	Los Angeles	Ballast		9,402	6,586
Robert E. Hopkins	11	4.52	11	8.55	11	16.24	11	17.34	American	Tidewater Oil Co	424.4	58.2	20.0	New York	Los Angeles	Ballast		7,333	5,244
Californian[1]	11	6.53	11	9.15	11	17.15	11	18.13	American	American-Hawaiian Line	445.0	59.8	28.0	New York	Los Angeles	General	7,000	8,567	6,020
Corinthic	11	1.36	11	10.45	11	18.15	12	8.09	British	White Star Line	500.3	63.3	28.8	London	Wellington	General	7,918	12,821	9,507
Westmeath	11	6.28	11	12.50	11	20.36	12	8.31	British	Union Steamship Co	474.0	56.0	28.3	London	Auckland	General	6,240	9,485	6,689
Brazos[2]	8	7.05	11	15.25	12	22.50	12	11.45	American	U. S. Navy	475.0	56.0	26.0	Port Arthur	Balboa	Gasoline, fuel oil	4,000		
Lake Pepin	11	1.07	11	13.20	11	21.37	12	16.45	American	Hammond Lumber Co	251.0	43.0	19.6	New Orleans	San Francisco	General	2,000	2,169	1,340
Montauk	11	15.08	12	6.25	12	14.37	12	15.50	American	International Mex. Marine Co.	419.5	56.5	28.0	Philadelphia	Seattle	General mdse.	8,820	8,696	6,316
Quail[3]			12	6.45	12	14.37			American	U. S. Navy	180.0	35.6		Cristobal	Balboa				
Swiftstar	11	16.16	12	7.40	12	15.11	12	19.30	American	Swiftsure Oil Transportation Co.	464.0	60.0	17.0	Providence	Los Angeles	Ballast		8,473	6,050
Wheaton	10	23.19	12	8.00	12	15.55	12	17.00	American	A. E. Mittnacht (S. B.)	415.0	53.7	24.0	New York	Seattle	General	3,537	7,060	4,904
Rhodophis	11	14.51	12	9.05	12	16.40	12	17.45	German	Kosmos Line	435.0	53.0	23.5	Hamburg	Corral	General	4,100	7,525	5,154
Poinsettia[4]	1-24	19.34	12	9.25	12	19.34	15	17.30	American	M. H. Whittier	85.0	19.0	13.0	Trovaminda	Los Angeles	Ballast		62	38
Sharkey[5]	12	7.22	12	9.30	12	18.01			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Toucey[5]	12	7.22	12	9.30	12	18.01			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Lamson[5]	12	7.22	12	9.35	12	18.08			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Chas. Ausburne[5]	12	7.22	12	9.35	12	18.08			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Bruce	12	7.22	12	10.50	12	19.00			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Preston[5]	12	7.22	12	10.50	12	19.00			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Coghlan[5]	12	7.22	12	10.50	12	20.02			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Osborne[5]	12	7.22	12	10.50	12	20.02			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Worden[5]	12	7.22	12	11.20	12	19.22			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Billingsley[5]	12	7.22	12	11.20	12	19.22			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Reid[5]	12	7.35	12	11.20	12	20.24			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Dale[5]	12	7.35	12	11.20	12	20.24			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Isherwood[5]	12	7.40	12	12.25	12	21.03			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Case[5]	12	7.40	12	12.25	12	21.03			American	U. S. Navy	315.0	38.0	10.0	Guanatnamo	Balboa				
Lardner[5]	12	7.40	12	12.25	12	22.06			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Breck[5]	12	7.40	12	12.25	12	22.06			American	U. S. Navy	315.0	38.0	10.0	Guantanamo	Balboa				
Port Caroline	12	7.35	12	12.35	12	21.30	12	22.40	British	Commonwealth & Dom. Line	480.7	62.0	24.3	Hull	Lyttleton	General	5,091	10,740	7,829
Kathlamba	12	10.35	12	13.02	12	23.07	13	20.10	British	Ellerman & Bucknell Line	434.4	54.7	24.6	New York	Brisbane	General	7,531	8,114	6,322
Maryland[6]	12	10.00	13	6.07	13	14.19			American	U. S. Navy	624.0	97.0	34.0	New York	Balboa				
Dinteldijk	12	2.45	13	6.22	13	15.17	13	16.15	Dutch	Holland-American Line	485.0	62.3	20.2	Hamburg	Vancouver	General	2,916	10,786	7,551
Tacoma Maru	12	16.15	13	7.28	13	16.16	13	18.30	Japanese	Osaka Shosen Kaisha	410.0	51.0	25.0	Buenos Aires	Yokohama	General	4,309	6,146	4,241

[1] Motor ship. [2] Tanker. [3] Tug. [4] Yacht. [5] Destroyer. [6] Battleship.

Rochester [7]	12	18.43	13	8.10	13	17.01			American	U. S. Navy	380.0	64.0	24.0	Guantanamo	Balboa				
Chickasaw City	12	13.55	13	8.50	13	17.52	13	18.50	American	U. S. Steel Products Co	411.6	55.0	26.3	New York	Vancouver	General, steel	8,063	6,841	4,686
Bridgeport [8]	13	7.55	13	9.15	13	18.38			American	U. S. Navy	429.3	54.3	26.4	Guantanamo	Balboa	Naval supplies	700		
Halsey	12	21.10	13	10.25	13	19.26	13	21.37	American	Walker & Daly (S. B.)	435.0	56.0	18.0	Galveston	Los Angeles	Ballast		7,642	5,324
Hakodate Maru	13	1.34	13	11.17	13	20.25	13	21.26	Japanese	Nippon Yusen Kaisha	400.0	54.5	20.8	New York	Yokohama	General	5,652	5,824	4,092
Hawaiian	12	20.35	13	11.30	13	21.25	13	22.40	American	American-Hawaiian Line	406.8	51.0	27.0	Philadelphia	Los Angeles	General	7,000	6,039	4,180
Marinula [1]	13	13.50	14	6.35	14	15.15	14	16.20	British	Anglo-Saxon Petroleum Co	440.0	54.0	28.0	Amsterdam	Seattle	Creosote	6,930	7,631	5,238
Trevessa	13	14.35	14	6.20	14	14.30	14	15.40	British	Hain Steamship Co	402.0	52.0	24.0	New York	Auckland	General	4,900	5,660	3,846
Hans Hemsoth	12	9.13	14	7.50	17	13.47	17	15.00	German	Wilhelm Hemsoth	300.0	41.1	23.0	Antwerp	San Francisco	Sand for glass	7,500	6,636	4,888
Ansaldo San Giorgio III	12	21.32	14	7.57	14	17.16	14	22.40	Italian	Transatlantic Italiana	378.0	51.5	16.3	Genoa	Valparaiso	General	800	5,759	4,013
Santa Rosa	12	22.05	14	8.07	14	15.43	14	16.45	American	Grace Line	404.6	53.0	27.6	New York	San Francisco	General	6,650	6,754	4,780
Selma City	13	15.32	14	8.55	14	18.24	16	17.50	American	U. S. Steel Products Co	425.0	56.0	26.0	New Orleans	Yokohama	([17])	7,970	7,611	5,450
H. H. Rogers	14	8.30	14	9.30	14	18.59	14	20.07	American	Standard Oil Co	500.0	68.0	21.0	New York	Los Angeles	Ballast		10,308	7,668
Agwipond	14	9.45	14	10.44	14	20.00	15	1.13	American	Guaranty Trust Co	468.3	62.7	17.10	Baltimore	Los Angeles	Ballast		9,810	7,052
Childs [5]	14	10.05	14	11.40	14	19.47			American	U. S. Navy	315.0	38.0	12.0	Guantanamo	Balboa				
Sands [5]	14	10.05	14	11.40	14	19.47			American	U. S. Navy	315.0	38.0	12.0	Guantanamo	Balboa				
Paulding [5]	14	10.10	14	11.40	14	20.46			American	U. S. Navy	315.0	38.0	13.0	Guantanamo	Balboa				
Brooks [5]	14	11.15	14	11.40	14	20.46			American	U. S. Navy	315.0	38.0	13.0	Guantanamo	Balboa				
Lark [9]	13	19.17	14	12.40	14	21.00			American	U. S. Navy	187.0	35.0	9.9	Guantanamo	Balboa				
Shawmut [10]	14	7.40	14	12.40	14	20.53			American	U. S. Navy	395.0	48.0	20.0	Bocas del Toro	Balboa	Naval supplies	20		
Maury [10]	12	17.00	14	12.55	14	21.50			American	U. S. Navy	310.0	31.0	9.9½	Key West	Balboa				
Mahon [10]	12	17.00	14	12.55	14	21.50			American	U. S. Navy	310.0	31.0	9.9½	Key West	Balboa				
Gen. G. W. Goethals	13	1.50	14	13.15	14	22.45	16	7.56	American	Panama Railroad Steamship Line	353.0	48.7	21.6	New York	Guayaquil	General	1,245	5,226	3,617
Tulsagas	14	13.25	14	13.35	14	22.05	14	23.46	American	McAllister Brothers (S. B.)	435.0	60.0	20.0	New Orleans	Los Angeles	Ballast		7,817	4,961
Trinity [2]	13	6.35	14	14.52	15	11.53			American	U. S. Navy	461.6	60.0	27.2	Guantanamo	Balboa	Fuel oil	10,000		
Cayuca 2072	13		14		14	16.20			Panaman	A. Sardie				Cristobal	Gatun	Unknown		3	3
Santa Elisa	14	14.38	15	6.07	15	12.37	15	16.30	American	Grace Line	360.3	51.7	22.6	New York	Talcahuano	General	2,509	5,957	4,325
Bushnell [11]	14	6.35	15	6.10	15	13.04			American	U. S. Navy	350.0	46.0	17.0	Norfolk	Balboa	Naval equipment			
Wyoming [6]	15	7.00	15	7.10	15	15.58			American	U. S. Navy	562.0	93.2½	29.0	Guantanamo	Balboa				
Delaware [6]	15	7.05	15	7.25	15	16.25			American	U. S. Navy	518.0	85.2½	28.9	Guantanamo	Balboa				
Utah [6]	15	7.15	15	8.25	15	17.46			American	U. S. Navy	521.5	88.2½	30.0	Guantanamo	Balboa				
North Dakota [6]	15	7.30	15	8.45	15	18.25			American	U. S. Navy	518.0	85.2½	28.9	Guantanamo	Balboa				
Nevada [6]	15	7.32	15	9.30	15	19.47			American	U. S. Navy	583.0	95.2½	29.6	Guantanamo	Balboa				
Agwisun	14	20.41	15	10.00	15	20.45	16	1.18	American	Atl. Gulf & W. I. S. S. Co	429.0	59.0	20.0	Savannah	Los Angeles	Ballast		7,612	5,319
O-4 [12]			15	10.00	15	20.50			American	U. S. Navy	172.0	18.5		Cristobal	Balboa				
Berengar	15	1.48	15	11.00	15	20.35	16	21.43	British	Oakwin Steamship Co	399.6	53.7	25.0	Newcastle	San Francisco	General	6,855	6,403	4,620
O-1 [12]			15	11.00	15	20.37			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
Borgland [1]	15	6.35	15	11.20	15	21.43	16	5.30	Norwegian	Peter Olsen	372.0	51.0	22.4	Christiania	San Francisco	General	5,100	5,274	3,886
O-2 [12]			15	11.25	15	21.50			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
O-6 [12]			15	11.25	15	21.50			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
Potosi	15	6.50	15	12.35	15	21.52	16	0.30	British	Pacific Steam Navigation Co	381.0	49.0	15.0	Swansea	Antofagasta	Ballast		5,559	4,201
O-5 [1]			15	12.35	15	21.52			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
Huasco	12	18.12	15	13.09	15	22.47	15	23.50	Chilean	Chilean Line	379.7	44.3	20.8	Cristobal	Valparaiso	General	790	4,552	3,182
O-3 [12]			15	13.09	15	22.55			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
O-9 [12]			15	13.09	15	22.55			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
Agwismith	15	12.15	15	13.55	15	23.02	16	6.40	American	Atl. Gulf & W. I. S. S. Co	499.9	68.1	20.6	Newport News	Los Angeles	Ballast		10,600	8,071
Vireo [9] and barge 472	15	7.50	15	14.15	16	12.43			American	U. S. Navy	187.10	35.6	10.0	Guantanamo	Balboa				
O-15 [12]			15	15.47	16	10.31			American	U. S. Navy	175.0	16.3	13.11	Cristobal	Balboa				

[7] Cruiser. [8] Destroyer tender. [9] Mine sweeper. [10] Mine layer. [11] Submarine tender. [12] Submarine.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
O-16 [12]			15	15.47	16	10.31			American	U. S. Navy	175.0	16.3	13.11	Cristobal	Balboa				
O-8 [12]			15	15.55	16	11.42			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
O-10 [12]			15	15.55	16	11.42			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
Boboling [9] and barge 315	15	7.50	15	15.55	16	10.38			American	U. S. Navy	187.10	35.6	10.0	Guantanamo	Balboa				
Rail [9] and barge 465	15	7.50	15	16.05	16	10.33			American	U. S. Navy	187.10	35.6	10.0	Guantanamo	Balboa				
O-13 [12]			15	16.40	16	11.50			American	U. S. Navy	175.0	16.3		Cristobal	Balboa				
O-14 [12]			15	16.40	16	11.50			American	U. S. Navy	175.0	16.3		Cristobal	Balboa				
Colon	14	11.15	16	6.14	16	13.45			American	Panama Railroad Steamship Line	360.0	50.0	18.10	New York	Balboa [15]	Ballast		5,866	4,222
O-12 [12]			16	6.35	16	13.55			American	U. S. Navy	172.0	18.3		Cristobal	Balboa				
Relief [13]	15	7.45	16	6.25	16	15.01			American	U. S. Navy	460.0	61.0	19.6	Guantanamo	Balboa				
O-11 [12]			16	6.45	16	14.58			American	U. S. Navy	175.0	16.3		Cristobal	Balboa				
Wright [14]	11	12.30	16	7.05	16	16.07			American	U. S. Navy	448.0	58.0	26.0	Truxillo	Balboa				
Teal	12	16.07	16	6.50	16	16.15			American	U. S. Navy	187.0	35.0	10.0	Guantanamo	Balboa				
Almelo	15	2.04	16	8.03	16	17.11	16	18.0	Dutch	Royal Netherlands W. I. Mail	440.0	62.6	18.6	Hamburg	Guayaquil	General	1,678	9,403	6,653
R-24 [12]	15		16	8.10	16	15.43			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
R-27 [12]	15		16	8.10	16	15.46			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
Victolite	15	10.10	16	8.45	16	17.59	16	18.47	British	Imperial Oil Co	500.4	68.0	24.10	New York	Talara	Ballast		11,049	7,994
R-23 [12]	15		16	9.05	16	17.11			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
Savannah [11]	16	2.17	16	9.05	16	19.05			American	U. S. Navy	414.10	46.1	23.0	Guantanamo	Balboa	Sub. supplies	2½		
R-25 [12]	15		16	10.00	16	17.49			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
Lake Cayuga	15	21.00	16	10.15	16	19.10			American	U. S. Navy	252.0	43.5		Newport News	San Francisco	General	1,020	2,143	1,388
R-21 [12]	15		16	10.26	16	17.40			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
R-26 [12]	15		16	10.30	16	17.47			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
Beaver [11]	15	9.27	16	11.05	16	19.40			American	U. S. Navy	380.0	47.5	23.4	Guantanamo	Balboa	Sub. supplies			
S-1 [12]	15	9.10	16	11.20	16	19.15			American	U. S. Navy	231.0	21.0	16.5	Guantanamo	Balboa				
R-22 [12]	15		16	11.20	16	19.15			American	U. S. Navy	175.0	16.9	13.6	Guantanamo	Balboa				
S-30 [12]	15	9.30	16	11.55	16	20.55			American	U. S. Navy	231.0	21.0	16.5	Guantanamo	Balboa				
S-33 [12]	15	9.30	16	11.55	16	20.55			American	U. S. Navy	231.0	21.0	16.5	Guantanamo	Balboa				
S-19 [12]	15	9.40	16	12.05	16	22.35			American	U. S. Navy	231.0	21.0	16.5	Guantanamo	Balboa				
S-20 [12]	15	9.40	16	12.05	16	22.35			American	U. S. Navy	231.0	21.0	16.5	Guantanamo	Balboa				
Antilochus	16	8.45	16	13.15	16	20.40	16	21.55	British	Ocean Steamship Co	486.0	58.0	30.9	New York	Shanghai	General	7,845	9,336	6,432
Sandpiper [9]	16	7.05	16	13.20	16	22.35			American	U. S. Navy	187.0	35.0	10.0	Port Limon	Balboa				
City of Auckland	15	16.13	16	13.49	16	22.38	16	22.30	British	Ellerman Hall Line	478.6	62.2	19.6	Middlesboro	San Francisco	General	1,100	9,394	6,723
Mallard [9]	16	6.55	16	13.50	16	22.38			American	U. S. Navy	189.0	35.0	10.0	Guantanamo	Balboa				
Robin [9] and barge 282	16	13.00	16	15.05	17	14.43			American	U. S. Navy	187.10	35.4	13.2	Guantanamo	Balboa				

[13] Hospital ship.

[14] Air craft tender.

[15] For orders.

Rappahannock	16	11.25	16	15.10	17	9.34	....	.....	American...	U. S. Navy	471.0	59.0	23.6	Guantanamo..	Balboa	Naval supplies..	3,372	.....	.....
America [16]	9	.....	16	1	16	14.36	....	.....	American...	J. H. Stilson	32.0	9.2	3.3	Cristobal	Gatun Lake..	Unknown	.....	6	6
Toco	16	21.15	17	6.21	17	14.38	17	16.00	British	Sheridan Steamship Co	440.8	56.0	26.6	Tampico	Tocopilla	Crude oil	.....	7,693	4,885
Steelore	17	2.30	17	7.15	17	15.40	17	16.50	American...	Ore Steamship Co	550.3	72.2	20.0	New York	Cruz Grande..	Ballast	.....	15,551	4,297
Sonnica [4]	13	10.00	17	9.00	17	16.40	19	13.05	American...	H. S. Shonnard	87.2	23.0	10.6	New York	Balboa	Ballast	.....	115	102
Munrio	17	7.58	17	8.55	17	16.50	17	22.51	American...	Munrio Steamship Corporation	333.6	48.2	23.6	New York	Los Angeles..	General	5,500	4,165	3,066
Morioka Maru	17	7.10	17	9.00	17	19.50	17	21.00	Japanese	Nippon Yusen Kaisha	360.0	51.0	23.4	New York	Keelung	General	3,834	4,883	3,410
Patuxent [3]	.....	.....	17	9.29	17	18.50	....	.....	American...	U. S. Navy	156.0	29.0	16.0	Cristobal	Balboa	.....	.....	.....	.....
Victorious	17	9.02	17	10.43	17	18.50	17	20.00	American...	Tampa Interocean Co. (S. B.)	440.0	56.0	29.0	New Orleans..	Yokohama	General, case oil	8,003	8,328	6,036
U. S. N. Oil barge No. 32	.....	.....	17	13.15	17	14.11	....	.....	American...	U. S. Navy	168.0	27.0	.....	Cristobal	Balboa	.....	.....	.....	.....

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Targis	10	14.00	11	7.08	11	15.30	11	20.05	German	Roland Line	264.0	48.0	14.6	Salina Cruz	Hamburg	General	1,250	2,174	1,320
J. N. Pew	10	19.30	11	8.07	11	17.22	11	17.22	American...	Sun Oil Co	430.0	66.0	28.6	San Pedro	Philadelphia..	Oil	13,300	9,494	6,012
Steel Exporter	11	5.15	11	9.08	11	18.00	11	18.00	American...	Isthmian Steamship Co	442.2	56.2	24.0	Vancouver	New York	General, lumber	6,600	7,611	5,450
Tymeric	10	23.30	11	13.52	11	21.49	11	23.26	British	Andrew Weir & Co	400.1	52.0	25.0	Antofagasta	Falmouth	Nitrate	7,400	6,102	4,530
Huasco	12	2.00	12	8.29	12	18.12	15	13.09	Chilean	Chilean Line	380.0	44.0	21.0	Talcahuano	Cristobal	General	242	4,552	3,182
Chester Sun	11	23.20	12	9.16	12	19.30	12	19.30	American...	Sun Oil Co	429.3	59.2	27.3	San Pedro	Baltimore	Oil	10,071	7,684	5,299
Iolcos	12	10.00	12	11.10	12	21.37	13	0.48	Greek	Helenic Steamship Co	400.0	52.2	26.0	Caleta Buena	Cristobal [19]	Nitrate	8,200	5,771	4,047
Gen. O. H. Ernst	12	5.00	13	6.55	13	15.32	14	13.55	American...	Panama Railroad Steamship Line	356.0	45.3	19.0	Guayaquil	New York	General	1,342	4,503	2,764
Horace Luckenbach	13	4.40	13	7.49	13	16.58	13	18.35	American...	Luckenbach Line	445.0	58.0	24.6	Portland	Boston	General	7,498	8,626	6,290
Orcus	13	8.20	13	10.02	13	19.04	14	0.17	American...	Wessel & Duval	380.2	53.1	22.6	Talcahuano	Cristobal [19]	Nitrate	6,800	5,667	4,227
Statesman	13	13.00	13	13.37	13	21.20	13	22.20	British	T. and J. Harrison	439.6	53.0	26.0	Vancouver	Liverpool	General	8,033	6,361	4,519
Bologna	13	15.00	14	7.08	14	18.10	18	2.52	Italian	Italian Line	384.0	46.7	18.0	Valparaiso	Genoa	General	344	5,531	3,773
Arabia [18]	12	12.15	14	7.10	14	18.30	14	18.30	Panaman...	San Blas Trading Co	102.6	24.0	10.0	Corinto	Colon	Ballast	.....	123	69
Gargoyle	13	14.40	14	8.03	14	19.20	14	23.15	American...	Vacuum Oil Co	425.0	57.2	26.3	San Francisco	Paulsboro	Oil	10,042	7,510	4,989
Agwilake	13	14.30	14	8.53	14	19.25	14	19.25	American...	Ward Line	468.3	62.7	28.0	Los Angeles	Boston	Oil	12,700	9,802	7,138
Lochkatrine	13	16.00	14	10.21	14	20.43	15	10.40	British	Royal Mail Steam Packet Co	485.4	62.3	30.0	Seattle	Rotterdam	General	9,920	10,803	7,595
Melville Dollar	14	7.20	14	10.58	14	21.05	14	23.38	American...	Robert Dollar Line	429.0	55.2	27.5	Vancouver	New York	Lumber, copper	8,000	7,581	5,519
Ceres	14	9.50	14	11.39	14	22.48	15	20.44	Dutch	Royal Netherlands W. I. Mail Co	363.0	48.0	19.10	San Antonio	Amsterdam	General, nitrate	3,900	4,243	3,123
Eastwood	13	15.15	14	12.59	14	22.38	14	22.38	British	Watts Watts & Co	340.0	48.0	22.10	Tocopilla	Barcelona	Nitrate	5,636	4,090	3,017
Redondo	14	13.55	14	14.26	14	23.52	14	23.52	American...	Redondo Steamship Line	341.0	48.2	.....	Aberdeen	New York	Lumber	5,200	4,419	3,230
Santa Eulalia	14	18.35	14	15.01	14	23.58	14	23.58	American...	Isthmian Steamship Line	251.0	43.6	23.5	Tacoma	Boston	General	3,100	2,823	1,730
Calgarolite	14	14.15	15	7.07	15	20.33	15	21.15	British	Imperial Oil Co	463.6	60.2	28.0	Talara	New York	Oil	19,500	8,491	6,096
Steel Inventor	14	22.30	15	7.55	15	18.47	15	18.47	British	Isthmian Line	424.2	56.2	25.0	Vancouver	Baltimore	General	7,450	7,611	5,450
Suffolk	14	18.48	15	8.09	15	21.44	15	23.15	British	Federal Steam Navigation Co	460.0	58.0	24.6	Lyttleton	Avonmouth	General	8,464	9,096	6,421
Candidate	14	24.00	15	8.45	15	21.43	15	22.40	British	T. and J. Harrison	400.0	52.0	25.0	San Francisco	Immingham	Barley	6,438	5,677	4,126
Canadian Freighter	14	20.45	15	13.11	15	22.27	16	0.56	Dutch	Canadian Government	399.3	52.4	24.3	Saigon	Cienfuegos	Rice	7,000	6,224	4,487
Salvador	15	11.45	15	13.15	15	22.59	....	.....	American...	Pacific Steam Navigation Co	215.0	33.5	23.0	Champerico	Balboa	General	1,112	1,270	735
Breda	15	10.00	16	6.59	16	17.54	17	1.10	American...	Royal Netherlands W. I. Mail Co	402.5	58.3	26.6	West coast p'ts	Hamburg	Nitrate	8,423	7,384	5,226
John D. Archbold	16	7.45	16	8.50	16	19.03	16	19.03	American...	Standard Oil Co	554.9	75.6	31.0	San Pedro	New York	Oil	20,000	14,785	10,314
Willhilo	16	10.00	16	11.13	16	19.32	16	19.32	American...	Williams Steamship Co	435.3	52.7	23.8	San Francisco	New York	General	6,739	7,983	5,882
Bethelridge	15	12.15	15	14.40	15	23.45	15	23.58	American...	Watts Watts & Co	431.0	59.2	24.0	Los Angeles	New York	Oil	8,463	7,819	5,146
Cokesit	17	2.00	17	8.00	17	16.48	17	18.24	American...	Barner Line	401.0	53.2	21.0	Cebu	Boston	General	6,500	6,629	4,864
Tilthorn	17	8.00	17	9.29	17	17.30	17	17.30	Norwegian..	Wessel & Duval	420.2	53.9	28.0	Iquique	Savannah	Nitrate	10,309	6,591	4,730
Blue Triangle	17	10.00	17	10.56	17	18.32	17	18.32	American...	Nawsco Line	390.0	54.2	27.0	San Francisco	New York	General, lumber	5,230	6,209	4,317
Sabine Sun	17	13.30	17	14.24	17	21.48	17	22.20	American...	Sun Oil Co	429.3	59.2	27.8	Los Angeles	Chester, Pa.	Oil	11,000	7,526	5,456

[16] Launch. [17] Steel, cotton, sulphur, and sulphate ammonia. [18] Motor schooner. [19] For orders. * Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 356, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, February 24, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Willpolo	17	20.50	18	6.30	18	14.05	18	15.20	American	Williams Steamship Co.	386.8	52.2	22.0	New York	Los Angeles	General mdse	4,781	5,680	4,080
Oriana	17	8.15	18	7.35	18	15.14	18	16.20	British	Pacific Steam Navigation Co.	465.7	56.0	23.9	Liverpool	Coronel	General	3,367	8,620	5,345
H. M. Storey	18	8.55	18	9.20	18	15.56	18	21.47	American	Standard Oil Co.	500.0	68.2	21.6	New York	Los Angeles	Ballast	.....	11,224	7,849
Haimon	18	12.40	18	12.45	18	20.20	19	13.05	German	Roland Line	361.0	44.8	20.2	Antwerp	Guayaquil	General	1,009	4,350	3,117
Eldorado	18	16.50	19	6.20	19	13.39	19	15.20	American	Western Transport Co.	245.0	42.0	20.6	New Orleans	Los Angeles	General	2,717	2,439	1,662
Charles Pratt	18	19.18	19	7.35	19	14.50	19	17.42	American	Standard Oil Co.	500.0	68.0	21.0	New York	Los Angeles	Ballast	.....	10,313	7,492
Fred W. Weller	18	19.10	19	8.25	19	16.10	19	17.25	American	Standard Oil Co.	500.0	68.0	20.0	New York	Los Angeles	Ballast	.....	10,928	7,832
Pennsylvanian	18	20.20	19	8.58	19	16.58	20	0.22	American	American-Hawaiian Line	407.7	53.7	27.3	Liverpool	Los Angeles	General	7,142	7,107	4,916
Marore	19	6.45	19	9.35	19	17.44	19	18.50	American	Ore Steamship Co.	550.3	72.2	22.6	Baltimore	Cruz Grande	Ballast	.....	15,551	4,297
Benjamin Brewster	19	10.00	19	10.35	19	18.44	19	19.56	American	Standard Oil Co.	411.6	53.2	19.0	Habana	Talara	Ballast	.....	6,177	4,244
Humphreys[1]	19	7.35	19	11.00	19	19.09	.....	.....	American	U. S. Navy	310.0	31.0	11.6	Norfolk	Balboa	.....	.....	.....	.....
Vesta	19	9.35	19	11.15	19	19.20	19	20.26	Dutch	Royal Netherlands W. I. Mail	270.3	38.1	13.0	Amsterdam	Guayaquil	Ballast	.....	2,134	1,378
Lena Luckenbach	19	10.40	19	11.55	19	20.05	20	11.00	American	Luckenbach Line	425.0	53.8	28.0	Galveston	Tacoma	General	7,575	7,217	5,295
Grant[2]	17	22.47	19	12.45	19	20.55	19	22.07	American	U. S. Army	490.0	55.0	27.0	New York	San Francisco	Household goods	2,225	10,282	7,027
Birmingham[3]	19	6.22	19	14.05	20	9.58	21	9.57	American	U. S. Navy	420.0	49.0	19.8	Mobile	Balboa	.....	.....	.....	.....
Santa Tecla	19	19.32	20	7.32	20	14.23	20	19.37	American	Grace Line	298.6	40.0	16.6	New York	Pacasmayo	General	1,170	2,832	1,803
Craster Hall	19	22.58	20	7.10	20	16.19	20	17.35	American	U. S. Steel Products Co.	380.0	50.0	26.0	New York	Seward	Steel products	5,440	4,945	3,508
Thomas P. Beal	20	3.03	20	8.05	20	18.12	20	19.25	American	Crowell & Thurlow	394.0	55.0	24.0	Baltimore	Los Angeles	General	6,866	7,047	5,100
Hurunui	20	6.45	20	8.47	20	18.56	20	20.10	British	New Zealand Shipping Co.	470.0	62.6	25.0	Avonmouth	Auckland	General	7,400	10,174	7,237
Manchester Civilian	20	7.35	20	9.35	20	19.55	20	20.55	British	Manchester Lines, Ltd.	385.0	52.0	16.3	New York	San Antonio	General	1,094	5,302	3,772
Kayo Maru	20	11.30	20	11.50	20	20.33	21	8.27	Japanese	Toyo Kisen Kaisha	400.0	53.0	25.9	New York	Yokohama	(6)	6,011	6,186	4,446
Ganymedes	19	7.00	21	6.10	21	14.09	21	15.20	Dutch	Royal Netherlands W.I. Mail	365.0	48.0	20.6	Newport	Callao	Coal and coke	3,792	4,214	3,123
Pacific	21	6.35	21	7.05	21	16.19	21	21.30	American	Argonaut Steamship Co.	399.7	56.2	26.0	Baltimore	San Diego	General	8,149	6,479	4,709
Endicott	20	22.58	21	11.55	21	19.02	21	20.08	American	Barber Steamship Line (S. B.)	402.0	54.8	26.8	New York	Yokohama	General	6,941	6,929	5,182
Mundale	21	13.37	22	6.30	22	15.20	22	16.09	American	Mundale Steamship Co.	358.0	44.9	23.8	Texas City	Seattle	Crude sulphur	4,500	3,769	2,506
Salvador	15	22.50	22	7.32	22	15.47	22	19.53	British	Pacific Steam Navigation Co.	215.0	35.4	13.3	Cristobal	Champerico	General mdse	587	1,270	735
Buenos Aires[4]	22	15.08	23	6.25	23	13.33	24	11.47	Swedish	Johnson Line	426.9	56.2	24.0	Gothenborg	Seattle	General	7,154	7,591	5,661
Ecuador	22	5.38	23	7.25	23	15.28	23	23.30	American	Pacific Mail Steamship Co.	380.6	48.7	23.6	New York	San Francisco	General	2,500	5,926	4,178
J. W. VanDyke	22	23.08	23	7.51	23	16.13	23	17.20	American	Atlantic Refining Co.	435.0	56.0	22.0	Philadelphia	Los Angeles	Ballast	.....	7,460	5,215
Steel Ranger	22	20.25	23	8.35	23	17.43	23	18.50	American	U. S. Steel Products Co.	424.2	56.2	26.5	New York	Seattle	General, steel	8,500	7,611	5,450
Cold Harbor	23	4.36	23	9.20	23	18.41	23	23.30	American	N. Atl. & West. S. S. Co. (S. B.)	390.0	54.0	25.0	Portland	Los Angeles	General	3,944	6,167	4,290
Standard	23	6.19	23	10.20	23	19.33	23	20.38	American	Standard Oil Co.	523.0	68.0	19.0	New York	Los Angeles	Ballast	.....	12,171	8,673
Proteus[5]	23	7.05	23	11.30	24	10.55	.....	.....	American	U. S. Navy	500.0	62.0	30.0	Hampton R'ds	Balboa	Coal and general	10,543	.....	.....
Cheyenne	23	7.30	24	6.22	24	13.24	24	14.35	British	Anglo-American Oil Co.	388.0	50.0	15.0	London	San Francisco	Ballast	.....	5,245	3,650
Northern Star	23	20.40	24	7.30	24	15.06	24	19.15	American	American Star Line	386.8	52.0	23.0	New York	Los Angeles	General	6,230	5,682	4,086

[1] Destroyer. [2] Transport. [3] Cruiser. [4] Motor ship. [5] Collier. [6] Sulphate of ammonia, machinery, merchandise, and black pipe.

Alda	24	2.00	24	8.00	24	16.10	24	17.45	German	Roland Line	360.0	51.2	20.0	Hamburg	Corral	General	2,780	4,791	3,392
Balboa	22	15.29	24	8.05	24	16.18	24	17.45	Colombian	Compania Costancia Colombiana	190.0	29.1	10.0	Cristobal	Buenaventura	Ballast		737	335
Orinoco	24	2.47	24	8.47	24	20.15	24	21.25	American	Orinoco Steamship Co	376.0	52.0	18.0	New York	Los Angeles	General	3,500	5,455	3,902
Sudurco	24	2.49	24	8.55	24	21.05	24	22.28	American	Submarine Boat Corporation	324.0	46.0	22.6	New Orleans	Los Angeles	General	4,026	3,987	2,636
W. C. Teagle	24	7.05	24	9.35	24	22.08	24	23.25	American	Standard Oil Co	499.0	68.0	20.0	Charleston	Los Angeles	Ballast		10,588	7,511
Cherry Branch	24	8.45	24	10.30	24	22.55	25	0.11	British	Nautilus Steamship Co	400.0	51.10	20.0	Liverpool	Valparaiso	General	4,215¾	5,403	3,967
Haleakala	24	11.38	24	12.05	24	19.20	25	13.10	American	Interisland Steam Nav. Co	345.0	45.0	22.0	Philadelphia	Honolulu	General	469	4,297	2,158

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Orita	17	16.15	18	6.54	18	13.48	18	20.19	British	Pacific Steam Navigation Co	485.4	48.2	28.0	Valparaiso	Liverpool	General	7,110	9,936	6,561
Benrinnes	17	19.40	18	7.56	18	15.40	18	17.25	British	William Thompson & Co	405.0	51.5	20.2	Suva	United King.	Copra	4,532	5,057	3,476
Trontolite	17	19.50	18	9.15	18	17.18	18	17.18	British	Imperial Oil Co	420.8	57.0	28.0	Talara	New York	Oil	9,000	7,240	4,945
Alvarado	18	16.30	18	9.51	18	16.53	19	13.57	British	Pacific Steam Navigation Co	303.0	43.0	15.0	Guayaquil	New York	General	885	2,844	1,750
San Juan	17	17.35	18	10.53	18	18.05	27	8.20	American	Pacific Mail Steamship Co	283.0	37.0	16.8	San Francisco	Cristobal	General	1,597	2,379	1,793
Dix	17	19.35	18	11.35	18	18.57	18	18.57	American	R. Dollar Line	436.4	52.1	25.3	Port Alberm	New York	General, lumber	7,122	7,014	5,214
Agwibay	17	19.47	18	12.11	18	20.37	18	20.37	American	New York & Cuban Mail	408.3	62.7	29.0	San Pedro	Baltimore	Oil	12,500	9,776	7,124
Georgian	17	23.00	18	12.57	18	21.45	18	21.45	American	United American Lines	386.8	52.2	23.7	Seattle	New York	General	6,460	5,719	4,023
Arna	18	11.30	18	14.25	18	23.25	19	0.40	Norwegian	Kunhle & Co	410.0	54.0	24.8	Iquique	Savannah	Nitrate	8,851	6,258	4,744
Cleveland			19	6.40	20	9.40	20	18.35	American	U. S. Navy	309.0	44.0	17.0	Balboa	Cristobal				
Colombia	18	7.41	19	7.15	19	15.35	20	15.57	American	Pacific Mail Steamship Co	380.0	48.7	23.6	San Francisco	New York	General	3,050	6,015	4,281
Lord Ormonde	18	18.00	19	8.46	19	17.00	19	20.30	British	Lord Ormonde Steamship Co	360.0	46.0	24.6	SantoDomingo	New York	General	6,078	4,563	3,406
El Condado	19	5.30	19	9.44	19	18.10	20	6.47	Spanish	General Navigation Co	330.0	49.0	20.8	Iquique	Bilbao	Nitrate	4,950	3,730	2,637
Zabalbide	19	5.00	19	9.52	19	18.27	19	18.27	Spanish	Maritima de Bilbao	331.0	47.0	21.0	Guaymas, Tex	Bilbao	Beans	4,289	3,418	2,180
Mundelta	19	3.30	19	11.00	19	19.32	19	19.32	American	Munson Line	397.0	53.6	25.0	Portland	New York	Lumber	5,725	5,668	4,297
Santa Teresa	19	9.15	19	11.43	19	18.40	19	22.46	American	Grace Line	360.2	51.6	22.8	Talcahuano	New York	General	3,475	5,726	4,086
Patuxent	19		18	15.30					American	U. S. Navy	156.0	24.0		Balboa	Cristobal				
Sherman	19	15.00	20	6.52	20	15.10	20	16.20	American	Sherman Steamship Co	400.3	45.3	25.0	Antofagasta	Baltimore	Nitrate, copper	6,000	5,037	3,492
Huallaga	19	11.00	20	7.53	20	14.48	25	12.02	Peruvian	Peruvian Line	360.0	44.7	17.0	Callao	Cristobal	General	224	4,514	2,386
Kambangan	19	24.00	20	8.24	20	16.40	20	22.20	Dutch	Nederland Steamship Co	430.0	55.0	28.0	Antofagasta	English chan.	Nitrate	8,057	7,197	5,000
Cacique	20	8.00	20	10.09	20	17.44	20	21.41	American	Grace Line	394.2	52.3	29.0	Iquique	Savannah	Nitrate, sugar	8,800	6,652	4,913
W. S. Rheem	20	4.51	20	10.49	20	19.25	20	19.25	American	Standard Oil Co	500.0	68.2	31.0	Los Angeles	New York	Oil	14,000	11,224	7,860
Paul Luckenbach	20	11.55	20	12.32	20	20.56	20	20.56	American	Luckenbach Line	471.1	59.2	25.0	Seattle	New York	General	6,000	9,027	6,539
Santa Clara	20	18.15	21	6.59	21	14.35	21	17.30	American	Pacific Mail Steamship Co	404.6	54.0	28.4	Puget Sound	Baltimore	General	7,600	6,760	4,450
Middlemoor	20	20.00	21	8.20	21	15.55	21	18.00	British	Ruciman & Co	339.0	48.0	21.8	Taltal	Fayal[7]	Nitrate	5,124	4,022	2,931
Royal Arrow	21	6.15	21	8.36	21	16.40	21	16.40	American	Standard Transport Co	467.6	62.7	23.0	Manila	New York	Coconut oil	3,474	9,699	6,895
F. H. Hillman	21	10.00	21	10.46	21	19.31	22	5.45	American	Standard Oil Co	500.0	68.2	29.0	San Francisco	London	Gasoline	14,000	11,225	7,913
Atholl	21	13.00	21	14.03	21	21.30	21	23.35	British	Andrew Weir & Co	385.5	48.7	24.0	Iquique	Cristobal[7]	Nitrate	4,294	4,830	3,556
DavidMcKelvy	21	14.25	22	7.05	22	14.18	22	14.18	American	Tide Water Oil Co	430.0	59.2	27.0	Los Angeles	New York	Oil	11,000	7,629	5,393
Balboa	21	17.40	22	8.05	22	15.09	24	8.05	Colombian	Campania Costanera	190.0	29.0	14.0	Tumaco	Cristobal	General	527	736	335
Aegina	15	17.45	22	8.06	22	15.07	24	21.40	German	Roland Line	330.0	45.0	14.0	Corinto		Ballast		3,529	2,532
Charlton Hall	21	22.30	22	8.51	22	16.40	22	16.40	American	Isthmian Steamship Line	400.0	50.0	25.0	Vancouver	Liverpool	General	6,000	5,714	4,161
Mineola	22	2.50	22	9.35	22	17.06	23	18.40	American	Grace Line	293.6	40.0	16.7	Salaverry	New York	General	1,450	8,508	6,179
F. J. Luckenbach	22	2.30	22	10.15	22	17.32	22	17.32	American	Luckenbach Line	446.0	56.7	22.0	Portland	Mobile	General	2,804	2,935	1,805
Herman Frasch	22	4.00	22	10.37	22	19.12	22	19.12	American	Union Sulphur Co	356.0	51.6	24.0	Vancouver	New York	Lumber	5,010	5,349	2,950
J. C. Donell	22	4.00	22	11.35	22	20.57	22	22.30	American	Atlantic Refining Co	500.0	68.2	29.0	San Pedro	Philadelphia	Oil	17,000	10,436	7,900
Siberian Prince	22	6.00	22	12.35	22	22.30	22	23.55	British	Furness Prince Line	421.0	56.0	24.11	Vancouver	Hull	General	7,959	6,267	4,565

[7] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Diadem	22	6.00	22	13.36	22	23.17	23	6.35	British	Hall Brothers	389.4	54.0	24.0	Mejillones	Cristobal[7]	Nitrate	7,707	5,918	4,142
Patuxent	...	...	22	15.00	22	22.00	...	...	American	U. S. Navy	156.0	24.0	...	Balboa	Cristobal	...	...	...	...
A. L. Kent	23	6.40	23	7.18	23	15.07	23	20.05	American	Crowell & Thurlow	394.1	55.1	27.0	San Francisco	Baltimore	General	2,300	7,047	5,030
Sunbeam	23	4.01	23	10.46	23	18.20	23	18.20	American	Sun Oil Co	429.3	59.2	26.0	Los Angeles	Chester	Oil	10,800	7,701	5,472
Royalstar	22	21.00	23	12.57	23	20.15	23	20.15	British	Blue Star Line	450.0	58.0	24.0	Seattle	London	General	5,000	8,561	5,814
Ansaldo San Giorgio III	23	21.00	24	6.53	24	15.27	24	20.50	Italian	Societa Nazionale di Navigazione	377.2	51.6	21.0	Valparaiso	Genoa	General	5,686	5,591	3,975
Java	23	20.50	24	8.16	24	16.25	24	19.55	Dutch	Netherlands Steamship Co	370.0	48.6	23.3	Iquique	United King.	Nitrate	6,000	5,071	3,615
Petricola	23	18.00	24	12.14	24	21.02	24	21.02	British	Anglo-Saxon Petroleum Co	412.0	53.0	24.0	San Francisco	Lands End	Gasoline	7,523	6,331	4,422
Neponset	24	11.10	24	12.25	24	21.05	24	21.50	American	Elder & Mettnacht	450.0	57.6	21.0	Seattle	New York	General	4,246	7,893	5,621
Byron D. Benson	24	5.00	24	13.53	24	23.03	24	23.03	American	Tidewater Oil Co	465.4	60.2	28.0	San Pedro	New York	Oil	12,000	8,546	6,095

[7] For orders.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
February 18.	Saramacca	United Fruit Co	Bocas del Toro.
February 18.	Abangarez	United Fruit Co	New Orleans.
February 18.	Vandyck	Lamport & Holt	New York.
February 20.	Oranje Nassau	Royal Netherlands W. I. Mail	Amsterdam via wayports.
February 20.	Cartago	United Fruit Co	New Orleans via wayports.
February 21.	Carrillo	United Fruit Co	New York via Kingston.
February 21.	Canopus	U. S. Navy	Hampton Roads.
February 22.	Abangarez	United Fruit Co	Bocas del Toro.
February 22.	Sixaola	United Fruit Co	Colombian ports.
February 23.	Ulua	United Fruit Co	New York via wayports.
February 24.	San Benito	United Fruit Co	Port Limon.
February 24.	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
February 18	Saramacca	United Fruit Co	New Orleans.
February 19	Vandyck	Lamport & Holt	Cartagena.
February 19	Cristobal	Panama Railroad Steamship Line	New York via Haiti.
February 19	Abangarez	United Fruit Co	Bocas del Toro.
February 21	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.
February 22	Cartago	United Fruit Co	New Orleans via wayports.
February 22	Carrillo	United Fruit Co	Colombian ports.
February 22	Abangarez	United Fruit Co	New Orleans.
February 23	Sixaola	United Fruit Co	New York via Kingston.
February 24	Ulua	United Fruit Co	New York via wayports.
February 24	San Benito	United Fruit Co	Boston.
February 24	Oranje Nassau	Royal Netherlands W. I. Mail Co.	Amsterdam via wayports.

PORT OF BALBOA.

February 19.	Yorba Linda	General Petroleum Co	San Pedro.	February 20	Yorba Linda	General Petroleum Co	San Pedro.
February 21.	Akera	Anglo-Saxon Petroleum Co	San Pedro.	February 23	Akera	Anglo-Saxon Petroleum Co	San Pedro.
February 22.	U. S. S. Farquhar	U. S. Navy	San Diego.	...	...	...	...
February 22.	U. S. S. Arctic	U. S. Navy	San Diego.	...	...	...	...

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 3, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Harry Luckenbach	24	20.56	25	6.15	25	15.29	25	16.28	American	Luckenbach Line	448.9	60.2	24.0	New York	Los Angeles	General	6,000	9,262	6,853
Rotarian	24	11.20	25	7.30	25	16.28	25	17.45	American	Wessel, Duval & Co. (S. B.)	380.0	52.0	16.7	New York	Paita	General	1,418	5,660	4,059
Jose	24	18.53	25	7.33	25	16.41	25	18.00	Peruvian	Luis Liano	330.5	46.6	12.0	Middlesboro'gh	Callao	Ballast	.....	3,824	2,697
Henry S. Grove	24	22.20	25	8.00	25	17.36	25	21.45	American	Argonaut Steamship Corp	404.0	53.9	28.0	Baltimore	Bellingham	General	8,500	6,755	4,688
S. M. Spalding	24	23.33	25	8.30	25	18.56	25	20.21	American	Pan-American Pet. & Trans. Co.	435.0	56.0	19.0	Providence	Los Angeles	Ballast	.....	7,331	5,080
E. T. Bedford	24	23.48	25	9.05	25	19.35	25	20.48	American	Standard Oil Co	499.0	68.1	20.0	New York	Los Angeles	Ballast	.....	11,020	7,995
G. Harrison Smith	25	3.58	25	10.18	25	20.34	25	21.41	British	International Petroleum Co	550.0	72.0	24.8	New York	Los Angeles	Ballast	.....	15,476	11,102
Robert Luckenbach	25	7.12	25	11.05	25	21.28	25	22.40	American	Luckenbach Line	445.0	58.0	29.0	Philadelphia	Los Angeles	General	9,500	8,617	6,297
Huallaga	20	14.48	25	12.02	25	22.25	25	23.50	Peruvian	Peruvian Line	360.0	44.0	20.6	Cristobal	Callao	General	653	4,514	2,386
Cauca	8-3-22	15.05	25	11.55	25	22.34	25	23.50	British	Pacific Steam Navigation Co	246.0	35.0	15.0	Cristobal	Acajutla	Ballast	.....	1,589	1,018
Santa Olivia	2-24	7.10	25	12.35	25	23.10	26	0.22	American	Grace Line	404.6	53.9	25.6	Baltimore	Tacoma	General	5,681	6,779	4,921
Oregonian	25	19.35	26	6.25	26	16.36	26	17.35	American	American-Hawaiian Line	406.8	51.1	26.0	Baltimore	Portland	General	6,567	5,959	4,203
West Greylock	25	22.03	26	7.35	26	17.30	26	23.50	American	Frank V. Barnes	430.7	54.3	29.0	New York	San Francisco	General	9,913	7,946	5,698
Spirila	26	6.52	26	8.00	26	18.17	26	19.05	British	Anglo-Saxon Petroleum Co	411.5	53.4	18.6	Bristol	San Francisco	Ballast	.....	6,119	4,304
Knight Templar	26	10.20	26	11.20	26	19.08	26	20.20	British	Ocean Steamship Co	470.0	58.0	25.6	Glasgow	Tacoma	General	9,291	8,120	5,808
San Juan	18	18.05	27	6.12	27	14.22	28	2.10	American	Pacific Mail Steamship Co	283.0	37.0	16.10	Cristobal	San Francisco	General	1,456	2,379	1,593
Almagro	25	12.45	27	6.15	27	14.26	27	19.08	British	Pacific Steam Navigation Co	303.0	43.0	18.0	New York	Guayaquil	General, coal	2,316	2,878	1,714
Luceric	27	6.30	27	7.10	27	15.30	27	16.55	British	Andrew Weir & Co	412.5	55.5	25.3	New York	Manila	General	6,550	6,913	4,866
District of Columbia	27	6.45	27	8.15	27	16.22	27	17.27	American	Walker & Daly (S. B.)	431.0	59.2	22.0	Mobile	Los Angeles	Ballast	.....	8,097	5,362
Raranga	27	20.07	28	6.25	28	17.29	28	18.33	British	Shaw, Savill & Albion Co	477.0	63.0	27.6	Antwerp	Auckland	Phosphates	6,000	11,070	7,931
James McGee	27	17.23	28	7.15	28	18.11	28	19.03	American	Standard Oil Co	499.0	68.0	19.0	New York	Los Angeles	Ballast	.....	10,964	7,909
A. C. Bedford	26	20.17	28	7.30	28	19.17	28	20.46	American	Standard Oil Co	500.0	68.0	27.0	Baton Rouge	Los Angeles	Ballast	.....	10,896	7,615
Livingston Roe	27	17.30	28	9.10	28	20.11	28	21.12	American	Standard Oil Co	462.0	60.0	19.0	Campana	Los Angeles	Ballast	.....	8,491	6,065
Kentucky	27	22.24	28	9.35	28	21.05	28	22.27	British	Ellerman & Bucknell	447.3	56.0	25.0	New York	Dunedin	General	5,887	7,825	5,921
Atlantic Maru	28	7.55	28	10.19	28	21.51	28	23.56	Japanese	Kabushiki Kaisha Kawasiki	385.0	51.0	18.8	Grangemouth	San Antonio	Coke	4,500	6,251	4,700
Diana Dollar	28	8.03	28	11.10	28	22.53	1	7.29	American	Robert Dollar Line	429.0	55.2	24.0	Baltimore	San Francisco	General	7,407	7,582	5,521
Edgar Bowling	26	12.40	28	12.40	28	23.47	1	4.20	American	Garland Steamship Corp	410.0	54.0	24.0	Norfolk	Los Angeles	General	6,957	6,567	4,909
Geo. H. Jones	28	12.20	1	6.50	1	19.48	1	20.48	American	Standard Oil Co	429.3	59.2	18.0	New York	Los Angeles	Ballast	.....	7,689	5,519
Santa Luisa	28	13.20	1	7.05	1	20.46	1	21.50	American	Grace Line	360.2	51.6	22.0	New York	Talara	General, cement	1,617	5,694	3,975
Dacre Castle	28	19.08	1	8.05	1	21.48	1	23.20	British	James Chambers	399.0	52.0	27.7	New York	Manila	General	5,384	5,846	4,112
Amsterdam	25	6.35	1	8.35	1	22.41	1	23.51	Dutch	Royal Netherlands W. I. Mail	475.0	65.6	18.10	Amsterdam	Chile	Ballast	.....	11,647	8,217
Imperial	26	14.12	1	9.15	1	20.55	1	21.58	Chilean	Chilean Line	336.8	41.2	23.6	Cristobal	Valparaiso	General	736	3,296	2,156
Port Stephens	1	5.08	1	10.32	1	23.42	2	0.43	British	Commonwealth & Dom. Line	440.0	55.0	22.8	New York	Brisbane	General	7,000	7,812	5,706

Darien	2–28	19.00	1	10.15	1	19.42	3	10.20	Panaman	Obarrio & Co	92.0	26.0	7.0	Cristobal	Buenaventura	Ballast	.....	169	50
John D. Rockefeller	1	5.00	1	11.40	2	0.38	2	0.30	American	Standard Oil Co	458.3	60.0	22.8	Genoa	Los Angeles	Ballast	.....	8,633	6,362
Munindies	1	14.51	2	6.30	2	13.56	2	15.00	American	Munson Steamship Co	370.0	53.0	20.8	Baltimore	Seattle	General	5,200	5,527	4,099
Essequibo	1	5.46	2	7.25	2	15.48	2	18.09	British	Pacific Steam Navigation Co	450.0	57.0	23.6	New York	Valparaiso	General	1,582	9,099	6,117
Levant Arrow	1	18.25	2	7.55	2	16.43	2	17.55	American	Standard Transportation Co	468.0	62.7	28.0	Sabine	Yangtse River	Petroleum	11,200	9,744	7,039
Hororata	1	14.40	2	8.55	2	17.39	2	18.45	British	New Zealand Shipping Co	511.1	64.1	30.3	Liverpool	Brisbane	General	10,718	12,623	8,763
Nevada	1	19.10	2	9.10	2	18.47	2	20.05	French	French Line	420.0	56.0	24.0	Havre	Vancouver	General	2,142	7,500	5,403
Indian City	1	23.00	2	10.20	2	19.40	3	0.11	British	W. R. Smith & Sons	411.7	54.5	24.0	Port Arthur	Melbourne	General	6,700	6,512	4,665
Houma	2	4.50	2	10.50	2	20.35	2	22.05	American	McAllister Brothers (S. B.)	434.8	56.2	19.0	New York	Los Angeles	Ballast	.....	7,425	5,168
Vancouver Maru	2	5.08	2	12.05	2	21.15	2	22.30	Japanese	Kakusai Kisen Kaisha	385.0	51.0	14.10	New York	Mejillones	Ballast	.....	5,919	4,389
Marie Maersk	2	8.10	2	12.00	2	21.58	2	23.25	Danish	A. P. Moller	362.2	51.4	15.0	Tampa	Taltal	Ballast	.....	4,971	3,428
Muskogee	2	7.30	2	12.50	2	23.10	3	0.19	American	Standard Oil Co	450.9	57.9	20.0	New York	Los Angeles	Ballast	.....	.....	.....
Commercial Spirit	2	11.15	2	12.55	3	0.09	3	0.15	American	Commercial Spirit Steamship Co.	380.4	53.1	23.6	Baltimore	Los Angeles	Coal and general	5,300	5,659	4,138
T. J. Williams	2	15.19	3	6.20	3	13.45	3	15.0	American	Standard Oil Co	465.0	60.0	23.0	Charleston	Los Angeles	Ballast	.....	8,585	6,087
Stanley	2	16.00	3	7.15	3	15.12	3	21.37	American	Barber Line (S. B.)	401.7	54.2	22.0	New York	Manila	General	6,529	6,933	5,187
F. O. Barstow	3	3.40	3	8.18	3	16.19	3	17.27	American	Standard Oil Co	500.0	68.2	18.4	New York	Los Angeles	Ballast	.....	10,526	7,711
Pennyworth	3	6.50	3	8.47	3	17.01	3	18.02	British	Dalglish Steamship Co	410.2	53.5	16.6	New York	Tocopilla	Ballast	.....	6,179	4,387
Mayebashi Maru	3	7.10	3	9.35	3	18.17	3	19.10	Japanese	Nippon Yusen Kaisha	445.0	58.0	25.9	New York	Kobe	General, steel	8,469	8,012	5,749
Felix Taussig	3	11.00	3	11.35	3	19.12	3	20.22	American	Crowell & Thurlow	395.0	55.1	26.0	Boston	Seattle	General, steel	7,803	6,594	4,503

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Monticillo	24	15.50	25	7.04	25	15.35	25	19.45	American	United American Lines	468.5	58.5	25.7	Seattle	Hamburg	General	9,946	7,975	5,412
Norman Monarch	24	19.00	25	8.01	25	16.45	25	18.00	British	Kinsley Line	400.6	52.2	24.6	Mejillones	New Orleans	Nitrate	7,710	5,568	4,146
Gymeric	24	19.00	25	8.30	25	17.05	26	12.35	British	Andrew Weir & Co	420.3	54.6	25.8	San Francisco	London	Gasoline	8,571	6,501	4,459
Argosy	25	6.00	25	9.51	25	18.00	25	20.40	American	Wessel, Duval & Co	390.0	54.2	25.0	Iquique	U. S. ports	Nitrate	7,401	6,203	4,280
Mexican	25	8.00	25	10.50	25	18.51	25	18.51	American	United American Lines	472.3	57.2	30.0	Seattle	New York	General	9,000	9,258	6,789
Imperial	25	10.30	26	7.16	26	14.12	1	9.15	Chilean	Chilean Line	336.8	41.2	19.0	Valparaiso	Cristobal	General	219	3,296	2,156
Brazos	.....	.....	26	7.49	26	15.05	26	15.05	American	U. S. Government	475.0	56.0	20.10	Balboa	Port Arthur	Ballast	.....	.....	.....
Tekoa	24	18.28	26	8.41	26	16.55	26	19.20	British	New Zealand Steamship Co	460.6	62.9	24.0	Wellington	Liverpool	General	6,354	10,259	7,092
San Francisco	25	21.00	26	10.03	26	18.00	26	18.45	American	Isthmian Steamship Co	405.0	51.9	25.6	San Diego	London	General	6,700	6,186	4,449
Saint Louis	26	4.00	26	10.55	26	19.00	27	12.07	French	French Line	398.0	51.0	24.0	Valparaiso	Bordeaux	General	5,780	5,857	4,166
Samuel Q. Brown	26	1.30	26	11.26	26	19.55	26	19.55	American	Tidewater Oil Co	424.0	58.2	28.0	San Pedro	New York	Oil	10,000	7,333	5,246
Luise Nielsen	26	16.00	27	6.55	27	14.15	27	16.40	Norwegian	Wessel, Duval & Co	409.6	54.0	24.0	Tocopilla	.....	Nitrate	8,410	6,617	4,834
Gold Shell	27	2.25	27	8.04	27	15.45	27	15.45	American	Asiatic Petroleum Co	411.6	53.4	25.6	Los Angeles	Curacao	Oil	7,546	6,201	4,336
Alaska	27	6.00	27	8.54	27	16.54	28	10.11	French	French Line	425.0	55.0	25.0	Vancouver	Havre	General	7,824	6,990	4,854
Evriken	27	6.00	27	9.40	27	18.00	27	23.00	Norwegian	Haakum J. Wallem	420.0	54.0	28.6	Antofagasta	Charleston	Nitrate	10,500	6,979	5,131
Huquenot	27	7.15	27	13.09	27	21.30	28	7.30	American	McAllister Bros	434.0	56.2	25.11	San Pedro	New York	Oil	8,843	7,394	5,099
Agwimex	27	10.00	28	6.55	28	15.35	28	15.35	American	Ward Line	480.5	66.0	.....	San Pedro	Boston	Oil	13,907	9,394	6,310
Katrina Luckenbach	27	21.20	28	7.15	28	16.15	28	16.15	American	Luckenbach Line	446.0	56.0	27.6	Seattle	Boston	General	7,355	8,508	6,170
Benjamin Brewster	27	23.30	28	8.35	28	17.02	28	17.02	American	International Petroleum Co	411.6	53.2	26.3	Talara	Havana	Oil	7,800	6,177	4,244

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL.—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Acajutla	28	8.40	28	9.17	28	17.48	6	11.00	British	Pacific Steam Navigation Co.	215.7	33.5	17.0	Champerico	Cristobal	General	1,073	1,273	706
Lydia	28	4.00	28	9.33	28	17.41	28	18.18	American	Susquehana Line	366.0	45.0	23.6	Gray Harbor	New York			4,620	3,343
Panaman	28	6.20	28	10.29	28	18.45	28	18.45	American	United American Lines	407.7	53.7	23.6	Seattle	New York	General	5,100	7,098	5,029
Victolite	28		28	11.08	28	20.07	28	20.07	British	Imperial Oil Co	499.7	68.0	29.7	Talara	Halifax	Oil	14,770	11,049	7,774
Darien	27	16.30	28	11.19	28	19.00	1	10.15	Panaman	Obarrio & Co	92.0	26.0	7.0	Buenaventura	Cristobal	Coffee	125	169	50
Commercial Guide	28	1.00	28	14.54	28	22.03	1	6.30	American	Moore & McCormack	406.7	55.2	26.0	Tacoma	New York	Lumber	5,000	6.597	4,752
Ribera	28	14.30	1	7.02	1	15.15	1	17.00	British	F. Bolton & Co	400.0	51.0	24.0	Iquique	Pensacola	Nitrate	6,500	5,469	4,042
Sandpiper			1	7.06	1	14.55			American	U. S. Navy	221.9	34.6		Balboa	Cristobal				
Sirus	24	20.25	1	7.46	1	15.23	4	9.00	American	U. S. Navy	401.7	54.0	18.3	San Diego	Hampton Rds.	Naval stores	11		
Argonne	26	12.15	1	9.00	1	16.03	1	23.35	American	U. S. Navy	448.0	58.0	20.11	San Francisco	Philadelphia	General	29		
Artigas	28	14.00	1	9.57	1	17.35	1	17.35	American	North Atlantic & Western Line	390.0	54.2	24.5	Seattle	Philadelphia	General, lumber	5,896	6,204	4,314
Manavi	1	.50	1	10.01	1	17.50			British	Pacific Steam Navigation Co.	216.0	35.1	13.8	Guayaquil	Cristobal	General	580	1,357	884
Frankenwald	28	19.00	1	10.04	1	18.43	1	18.43	German	Hamburg-American Line	349.0	54.0	26.0	Corral	Hamburg	Nitrate	7,432	6,575	4,490
Cuyama	26		1	10.38	1	19.20	1	19.20	American	U. S. Navy	475.0	56.0	26.0	San Diego		Oil			
Neches	26		1	11.30	1	20.12	1	20.12	American	U. S. Navy	475.0	56.0	26.0	San Diego	Port Arthur	Ballast			
Agwisea	1	2.15	1	12.55	1	21.19	1	21.19	American	Ward Line	468.3	62.7	27.0	Los Angeles	New York	Oil	12,570	9,802	7,087
Highlandheater	1	10.00	1	13.40	1	22.21	1	23.05	British	Royal Mail Steam Packet Co.	390.1	52.0	21.8	Seattle	Southampton	General	2,858	6,275	4,549
Astynax	1	10.30	1	14.32	1	23.50	2	9.30	British	Ocean Steamship Co	390.0	49.0	23.6	Vancouver	Liverpool	General	5,898	5,165	3,211
Agwistone	1	17.15	2	6.58	2	17.00	2	17.00	American	Ward Line	499.9	68.1	28.0	Los Angeles	New York	Oil	13,780	10,600	8,071
Jason			2	7.57	2	17.18	2	17.18	American	U. S. Navy	535.0	65.0	17.10	Balboa	Cristobal				
Teno	2	7.15	2	8.47	2	18.10	3	3.35	Chilean	Chilean Line	421.0	56.0	27.0	Valparaiso	New York	General	5,108	7,757	4,672
Bengkalis	2	9.15	2	11.09	2	19.30	3	6.20	Dutch	Netherlands Steamship Co	430.0	54.6	27.7	Iquique	Eng. channel	Nitrate	8,046	6,964	5,019
Balboa	2	13.00	2	14.07	2	11.10			Colombian	Compania Costanera Colombiana	190.0	29.1	15.0	Buenaventura	Cristobal	Coffee, hides	487	736	335
Ansgir	3	4.15	3	8.50	3	16.08	3	17.15	German	Roland Line	403.0	54.0	24.0	Corral	Rotterdam	General	6,256	6,541	4,532
Chuky	25		3	13.48	3	20.42	3	20.42	British	Chilean Line	440.8	56.0	26.3	Tocopilla	Tampico	Ballast		7,690	4,723

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
February 25	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
February 25	Atenas	United Fruit Co	New Orleans via Habana.
February 26	St. Mihiel[1]	U. S. Army	New York.
February 27	San Bruno	United Fruit Co	Boston via Habana.
February 27	Heredia	United Fruit Co	New Orleans via Habana.
February 28	Tivives	United Fruit Co	New York via Kingston.

*DEPARTURES.

Date.	Vessel.	Line.	For—
February 27	Atenas	United Fruit Co	New Orleans via wayports.
February 28	Heredia	United Fruit Co	New Orleans via wayports.
February 28	San Bruno	United Fruit Co	Boston via Port Limon.
March 1	Tivives	United Fruit Co	Colombian ports.
March 1	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
March 1	Adalia	Hamburg-American Line	Cartagena.

[1] Transport.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 10, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
J. N. Pew	3	21.18	4	6.30	4	14.00	4	19.52	American	Sun Oil Co	480.5	66.0	19.0	Chester	Los Angeles	Ballast		9,494	6,612
Gene Crawley	4	7.20	4	7.44	4	16.05	4	17.40	American	Sinclair Navigation Co	304.7	43.7	25.3	Tampico	Corinto	Ballast		3,332	2,512
Opawa	4	4.12	4	9.45	4	17.51	4	19.05	British	New Zealand Shipping Co	460.7	60.2	28.4	Liverpool	Auckland	General	6,975	9,967	6,936
Rosandra	5	6.35	5	8.10	5	17.44	5	19.19	Italian	Navigazione Libero Triestina	450.0	57.0	16.6	New York	Antofagasta	Ballast		8,028	5,359
Montgomery City	5	4.21	5	11.45	5	19.41	5	20.49	American	United States Steel Products Co	424.2	56.2	27.0	New York	Vancouver	General	8,571	7,611	5,450
Bethore	5	14.20	6	6.20	6	18.40	6	19.45	American	Ore Steamship Co	550.3	72.2	25.0	New York	Cruz Grande	Ballast		15,476	11,102
Ruahine	5	15.44	6	7.11	6	19.20	7	6.30	British	New Zealand Shipping Co	480.6	60.3	29.0	London	Auckland	General	7,370	11,027	8,188
Walter Jennings	5	21.15	6	7.42	6	20.19	6	21.14	American	Standard Oil Co	499.2	68.1	20.6	New York	Los Angeles	Ballast		11,020	7,913
Cardiganshire	5	9.50	6	8.48	6	21.25	7	6.24	British	Royal Mail Steam Packet Co	516.0	64.0	20.7	London	Vancouver	General	3,040	11,420	8,385
Acardo	6	8.18	6	9.30	6	22.09	7	3.44	British	Anglo-Saxon Petroleum Co	412.0	53.0	19.0	Barrow	San Francisco	Ballast		6,189	4,235
Virginian	6	8.36	6	10.20	6	23.05	7	8.15	American	American-Hawaiian Line	491.5	58.2	25.0	New York	Seattle	General	8,000	10,491	7,546
Acajutla	2-28	17.48	6	11.00	6	23.49	7	11.09	British	Pacific Steam Navigation Co	215.0	33.5	15.7	Cristobal	Champerico	General	842	1,273	706
Negada	6	6.15	6	11.40	7	0.40	7	1.51	German	Kosmos Line	410.0	50.7	21.0	Hamburg	Guayaquil	General	2,761	6,402	4,463
Theben	6	2.35	6	12.50	7	1.26	7	2.45	German	Kosmos Line	339.0	47.9	21.0	Hamburg	Salina Cruz	General	300	4,094	2,924
Romsdalshorn	6	13.32	7	6.27	7	13.35	7	14.50	Norwegian	O. Gralle Olsen & I. H. Olsen	420.0	53.9	15.6	Newport News	Tocopilla	Ballast		6,592	4,733
Swifteagle	6	18.00	7	7.35	7	15.24	7	19.58	American	Swiftsure Oil Transport Co	465.0	60.0	18.6	Providence	Los Angeles	Ballast		8,473	5,997
Eibergen	7	9.05	7	9.15	7	17.36	7	19.05	Dutch	Furness Ship & Agency Co	385.0	51.9	16.0	Newport News	Vancouver	Ballast		5,354	3,839
Agapenor	7	10.52	7	11.05	7	19.39	7	20.51	British	Alfred Holt & Co	455.2	56.0	26.0	New York	Yokohama	General	5,376	7,793	5,407
Calgarolite	7	10.05	7	12.15	7	20.26	7	21.32	British	Imperial Oil Co	463.3	60.2	19.0	New York	Los Angeles	Ballast		8,491	6,096
Saint Jean	7	4.45	7	13.18	7	21.16	7	22.25	French	French Line	415.0	50.3	18.0	Bordeaux	Valparaiso	General	818	5,849	4,081
Bethelridge	7	14.25	8	6.20	8	14.55	8	16.15	American	Walker & Daley (S. B.)	431.0	59.2	20.6	New York	Los Angeles	Ballast		7,819	5,007
Kennecott[1]	7	12.50	8	7.44	8	17.14	8	18.20	American	Alaska Steamship Co	345.3	49.6	20.4	New York	Los Angeles	Steel, general	4,107	4,593	3,381
Knowsley Hall	7	13.50	8	7.50	8	18.12	8	19.12	British	Hall Line, Ltd	372.8	46.0	24.6	Galveston	Yokohama	General	5,830	4,580	3,375
Edgar F. Luckenbach	7	19.35	8	8.00	8	20.27	8	21.36	American	Luckenbach Line	425.0	57.3	28.6	New Orleans	Seattle	General	8,768	8,568	6,705
Jason	7	9.20	8	9.10	8	21.27	9	11.06	Dutch	Royal Netherlands W. I. Mail	346.7	48.5	16.0	Hamburg	Guayaquil	General	2,993	4,321	3,120
J. L. Luckenbach	7	21.24	8	9.35	8	22.17	8	23.31	American	Luckenbach Line	448.9	60.2	28.0	Boston	San Francisco	General	7,000	9,294	6,861
Glasgow Maru	8	6.45	8	10.15	8	23.16	9	8.09	Japanese	Kokusai Kisen Kaisha	385.0	51.0	26.0	Galveston	Yokohama	General	6,307	5,919	4,389
Gold Shell	8	7.40	8	11.05	9	0.05	9	1.19	American	Shell Oil Co	412.0	53.0	20.0	Curacao	San Francisco	Ballast		6,201	4,336
Payne[2]			8		8	11.02			American	George Duer				Cristobal	Gatun	Ballast		3	3
Canibas	8	14.40	9	6.22	9	18.43	9	20.15	American	Matson Navigation Co	420.0	54.2	28.5	Baltimore	San Francisco	Steel, general	8,557	7,309	5,388
Nordvaag	8	18.25	9	7.20	9	20.22	10	3.04	Norwegian	Gerrissen & Co	340.0	40.1	18.10	New Orleans	Talcahuano	General	2,053	2,781	1,813
Manavi	1	17.50	9	7.21	9	20.56	10	1.14	British	Pacific Steam Navigation Co	216.0	35.1	14.3	Cristobal	Guayaquil	General	678	1,357	884
John D. Archbold	9	0.32	9	8.24	9	22.00	9	23.30	American	Standard Oil Co	554.9	75.3	23.6	New York	Los Angeles	Ballast		14,785	10,313
Nordkap	9	6.50	9	9.25	9	23.48	10	1.07	Danish	Peter Brown	340.0	42.7	22.0	Mobile	San Antonio	Coke	3,515	3,755	2,712

[1] Motor ship. [2] Launch.

Swiftscout	9	9.55	9	10.45	9	23.00	10	12.28	American	Swiftsure Oil Transport Co.	464.0	60.0	20.0	Fall River	Los Angeles	Ballast		8,473	6,104
J. A. Moffett, Jr.	9	19.02	10	6.30	10	15.39	10	17.00	American	Standard Oil Co.	499.2	68.1	21.0	New York	Los Angeles	Ballast		11,020	7,913
Sandpiper [3]	1	14.55	10	6.15	10	16.03	10	(4)	American	U. S. Navy	187.0	35.0	.....	Cristobal	Balboa	None			
Eastern Prince	9	17.50	10	7.22	10	18.31	10	22.27	British	Prince Line, Ltd.	469.4	58.5	26.2	Philadelphia	Hongkong	General	7,425	8,413	5,971
Gargoyle	9	21.40	10	7.50	10	21.25	11	1.20	American	Vacuum Oil Co.	425.0	57.2	20.0	Philadelphia	San Francisco	Ballast		7,510	4,989
Ethan Allen	9	23.10	10	8.23	10	21.44	10	23.04	American	Tampa Interocean Co. (S. B.)	439.6	60.0	26.0	New Orleans	Shanghai	General	8,949	8,987	6,534
Sabine Sun	10	0.10	10	9.27	10	22.30	11	6.54	American	Sun Oil Co.	429.2	59.2	18.0	Chester	Los Angeles	Ballast		7,621	5,182
W. S. Rheem	10	0.35	10	10.27	11	0.28	11	1.27	American	Standard Oil Co.	500.0	68.2	21.0	New York	Los Angeles	Ballast		11,224	7,860
Benjamin Brewster	10	5.22	10	11.24	11	2.12	.....	.....	American	Standard Oil Co.	412.0	53.2	18.0	Habana	Talara	Ballast		6,177	4,244
Herakles	10	6.30	10	11.55	10	23.36	11	.44	Norwegian	Bruusgaard Kiosterud	389.0	54.0	16.6	Philadelphia	Callao	Dynamite	50	5,680	4,220
Narbo	10	7.17	10	12.00	11	1.22	11	2.27	American	Tampa Interocean Co. (S. B.)	402.0	53.0	25.0	New Orleans	Hongkong	General	6,800	6,579	4,847
Modica	10	6.40	10	12.50	11	3.12	11	4.25	Norwegian	I. A. Christensen	371.0	52.0	13.0	Norfolk	Chile	Ballast		5,007	3,539
Corinto	8	14.41	10	12.45	11	2.57	11	5.54	American	Pacific Mail Steamship Co.	261.0	40.0	14.1	Cristobal	San Francisco	Ballast		2,403	1,560

[3] Mine sweeper. [4] Laying to at anchorage 16.45.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Sumatra	3	14.45	4	6.57	4	14.12	4	14.12	Dutch	Netherlands Royal Mail Co.	393.6	51.3	27.6	Mejillones	United King.	Nitrate	7,514	5,945	4,256
Devolente	4	15.00	4	9.10	4	16.30	4	22.15	American	Walker & Daley	435.0	56.0	26.0	San Pedro	New York	Oil	8,500	1,452	5,151
Albistan	4	12.45	4	13.25	4	21.35	5	0.13	Danish	Thorber Nielsen	350.0	46.0	23.0	Antofagasta	New Orleans	Nitrate, copper	5,053	3,947	3,911
Swiftwind	3	23.00	4	14.22	4	22.50	4	22.50	American	C. D. Mallory & Co.	464.0	60.0	26.0	San Pedro	Fall River	Oil	12,296	8,473	5,997
Agwihavre	4	9.30	5	6.54	5	15.12	5	15.12	American	Ward Line	480.5	66.0	27.6	San Pedro	New York	Oil	13,285	9,394	6,436
Anniston City	5	6.30	5	7.59	5	15.20	5	15.20	American	Isthmian Lines	441.11	56.0	26.0	Portland	Boston	Lumber, general	7,800	7,611	5,450
Transvaal	4	21.00	5	9.00	5	17.30	5	21.40	Danish	Orient Steamship Co.	360.2	51.2	25.6	Talcahuano	Copenhagen	Nitrate, general	6,917	4,853	3,476
Santa Ana	5	13.00	5	14.48	5	20.58	6	0.42	American	Grace Line	360.2	51.6	23.0	Talcahuano	New York	General	3,625	5,776	4,081
Alvarado	5	10.30	5	14.50	5	22.45	5	22.45	American	Swayne & Hoyt	245.0	41.5	15.0	Bellingham	New Orleans	Lumber	1,672	2,344	1,748
Mantaro	5	11.50	6	7.02	6	15.00	.....	.....	Peruvian	Peruvian Line	367.3	46.0	20.0	Callao	Cristobal	General	1,254	4,838	2,959
Santa Isabel	5	15.30	6	8.26	6	16.10	6	16.10	American	American & Cuban Steamship Co	251.8	43.6	23.0	Everett	Boston	General	3,100	2,823	1,740
Norlina	5	18.00	6	8.45	6	16.44	6	16.44	American	Luckenbach Line	385.0	51.5	22.6	San Pedro	Newport News	General	6,000	5,466	4,181
S. C. T. Dodd	6	0.05	6	9.40	6	17.50	6	17.50	American	Standard Oil Co.	425.0	57.2	28.0	San Francisco	Port Arthur	Oil	10,000	7,481	4,975
Sheafmead	5	23.00	6	10.37	6	19.30	6	20.40	British	Kingsley Steamship Co.	380.0	53.6	22.6	Iquique	Wilmington	Nitrate	6,950	5,326	4,008
William Rockefeller	6	5.00	6	11.40	6	20.53	6	21.39	American	Standard Oil Co.	554.9	75.3	32.0	San Pedro	New York	Oil	20,000	14,785	10,313
City of Para	6	5.10	6	12.48	6	21.39	.....	.....	Panaman	Pacific Mail Steamship Co.	345.0	38.6	20.0	San Francisco	Cristobal	General	1,350	3,739	2,459
Dillwyn	6	8.30	6	13.46	6	22.45	6	22.45	American	Walker & Daley	435.0	56.0	26.0	San Pedro	New York	Oil	7,000	7,441	5,180
Cara [2]	.....	.....	6	7.46	6	15.39	.....	.....	American	M. Hedges	45.0	9.6	.....	Miraflores	Gatun	.....	.....	9	9
Fylgia	6	9.00	7	8.03	7	15.56	8	18.30	Swedish	Swedish Government	377.0	48.0	20.0	Valparaiso	Santiago	Ammunition	395	.....	4,180
Peru [1]	7	0.05	7	8.58	7	17.12	7	21.40	Danish	East Asiatic Co.	425.0	57.2	27.0	San Francisco	Limon	General	7,728	7,407	5,660
San Melita	7	1.00	7	10.36	7	18.42	7	18.45	British	Eagle Oil Transportation Co.	530.0	66.6	28.3	San Pedro	Tampico	Oil	15,237	12,381	8,800
Amersfoot	7	12.00	7	13.42	7	22.30	8	19.22	Dutch	Royal Dutch Steamship Co.	483.0	63.0	27.0	Taltal	Rotterdam	Nitrate	10,000	9,614	6,525
Bawean	7	13.10	7	14.13	7	22.55	8	3.55	Dutch	Netherlands Steamship Co.	436.0	54.6	27.6	Tocopilla	Eng. Channel	Nitrate	8,259	6,593	4,661
Corinto	7	15.30	8	7.02	8	14.41	10	12.45	American	Pacific Mail Steamship Co.	261.0	40.0	14.6	San Francisco	Cristobal	General, coffee	1,315	2,403	1,506
Robert E. Hopkins	7	17.30	8	7.54	8	15.19	8	15.19	American	Tidewater Oil Co.	424.4	58.2	26.0	San Pedro	New York	Oil	10,440	7,333	5,244
Orleans	7	17.40	8	8.57	8	16.28	8	16.28	American	American-Hawaiian Line	395.5	55.0	27.0	Bellingham	New York	General	7,500	7,330	5,233
Ebro	8	2.00	8	9.56	7	17.35	9	0.25	British	Pacific Steam Navigation Co.	450.0	58.0	25.0	Valparaiso	New York	Nitrate	4,382	9,151	6,227
Ortega	8	4.00	8	11.59	8	20.15	9	1.34	British	Pacific Steam Navigation Co.	465.0	53.0	26.1	Valparaiso	Liverpool	General	5,072	8,345	4,998
Mystic	8	8.00	8	10.48	8	18.45	8	18.45	American	United American Lines	400.7	54.2	23.3	Seattle	New Orleans	General	5,010	6,623	4,625
Nebraskan	8	11.40	8	12.32	8	22.13	8	22.13	American	United American Lines	368.6	55.2	23.11	Seattle	Philadelphia	Lumber	4,310	5,707	3,643
Munaires	8	13.00	8	14.35	8	23.30	9	12.05	American	Munson Line	385.0	53.0	23.8	Grays Harbor	New York	Lumber	5,000	5,577	4,225
Steelore	8	6.00	8	16.04	9	15.00	9	15.00	American	Ore Steamship Co.	550.3	72.2	32.0	Cruz Grande	Baltimore	Iron ore	19,000	15,551	4,297
Chas. H. Cramp	8	14.35	9	7.08	9	13.50	9	16.20	American	Argonaut Steamship Co.	404.6	53.9	15.0	Seattle	Hampton Rds.	Ballast		6,755	4,750

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Complete transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Sagaland	8	21.00	9	7.50	9	16.5	9	17.55	Swedish	Alex. Brostrom & Son	430.2	54.2	25.6	Iquique	Falmouth	Nitrate	9,051	6,140	5,014
Sonnica[5]	6	15.00	9	8.03	9	16.2	11	9.25	American	H. S. Shonnard	87.2	23.0	10.6	Punta Arenas	New York	Ballast		115	102
Madoera	9	0.30	9	9.32	9	18.25	12	15.30	Dutch	Netherlands Steamship Co	481.0	60.0	31.0	Antofagasta	United King'm	Nitrate	12,000	9,550	6,620
Toco	9	3.30	9	10.07	9	18.30	9	20.45	British	Chilean Steamship Co	440.0	56.0	19.0	Tocopilla	Tampico	Ballast		7,693	4,885
D. G. Schofield	9	2.28	9	9.54	9	18.05	9	18.05	American	Standard Oil Co	439.5	58.0	30.6	San Francisco	Philadelphia	Oil	11,200	8,912	6,254
Eastwind	9	15.40	9	10.39	9	20.25	9	22.30	American	United States & Australian Lines	384.3	51.2	17.0	Newcastle[6]	New York	General	800	5,966	4,442
Apurimac	9	3.30	9	11.03	9	20.55	10	5.00	Peruvian	Peruvian Line	382.0	48.2	26.1	(7)	Liverpool	General	5,620	4,867	3,544
Mary Luckenbach	8	23.15	9	12.43	9	22.07	9	22.07	American	Luckenbach Line	410.5	54.3	24.3	San Pedro	New York	Oil	9,658	6,500	4,511
Delaware Sun	9	10.30	9	15.14	9	23.13	9	23.13	American	Sun Oil Co	480.5	66.0	28.0	Los Angeles	Philadelphia	Oil	13,600	9,402	6,586
Swiftstar	9	17.15	10	8.03	10	17.00	10	17.00	American	C. B. Mallory & Co	464.0	60.0	29.0	San Pedro	Fall River	Oil	12,000	8,473	6,050
San Francisco Maru	9	12.15	10	6.58	10	15.43	11	17.40	Japanese	Kokusai Kisen Kaisha	385.0	51.0	26.0	Vancouver	Cristobal[8]	Wheat	7,500	6,089	4,568
H. H. Rogers	10	12.05	10	9.05	10	17.44	10	17.44	American	Standard Oil Co	500.0	68.0	30.0	San Pedro	New York	Oil	15,000	10,308	7,668
Vesta	10	6.30	10	9.43	10	18.28	12	23.00	Dutch	Royal Netherlands W. I. Mail	280.6	38.0	15.4	Guayaquil	Amsterdam	General	135	2,133	1,378
Anglo-Saxon	10	3.00	10	10.04	10	18.35	10	23.20	British	Lawther, Latter & Co	380.3	50.2	25.9	San Francisco	United King[8]	Barley	6,600	5,436	3,939
Maimoa	10	6.20	10	11.09	10	19.50	10	21.45	British	Shaw, Saville & Albion	494.0	63.0	26.0	Wellington	London	General	7,580	11,053	7,895
Wm. G. Warden	10	10.15	10	12.36	10	21.15	10	21.15	American	Standard Oil Co	500.0	68.2	29.5	San Pedro	New York	Oil	16,000	10,582	7,516
Brielle	10	11.00	10	13.54	10	23.10	11	14.49	Dutch	Royal Netherlands W. I. Mail	400.0	58.0	26.0	Valparaiso	Havre	General	8,780	7,322	5,254
Atlanterhavet	10	1.39	10	14.52	10	23.42	11	0.42	Danish	Wessel, Duval & Co	357.1	50.7	25.4	Caleta Buena	Savannah	Nitrate	7,200	5,814	4,489
Maple Branch	10	14.00	10	14.58	11	0.05	11	9.20	British	F. and W. Ritson	420.0	52.0	24.6	Valparaiso	Eng. Channel	General	7,072	5,614	4,116

[5] Yacht. [6] Australia. [7] Tambo de Mora. [8] For orders.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
March 4	Panama	Panama Railroad Steamship Line	New York via Haiti.
March 7	Ulysses	Panama Railroad Steamship Line	Norfolk.
March 7	Parismina	United Fruit Co	New Orleans via Habana.
March 7	Metapan	United Fruit Co	New York via Kingston.
March 7	Tivives	United Fruit Co	Colombian ports.
March 8	Orca	Pacific Steam Navigation Co	New York via wayports.
March 9	Calamares	United Fruit Co	New York via wayports.
March 10	San Blas	United Fruit Co	Boston via Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
March 6	Santa Marta	United Fruit Co	New Orleans via wayports.
March 8	Tivives	United Fruit Co	New York via Kingston.
March 8	Metapan	United Fruit Co	Colombian ports.
March 9	Parismina	United Fruit Co	New Orleans via wayports.
March 9	Panama	Panama Railroad Steamship Line	New York via Haiti.
March 9	Orca	Pacific Steam Navigation Co	New York via wayports.
March 10	San Blas	United Fruit Co	Boston.
March 10	Calamares	United Fruit Co	New York via wayports.

PORT OF BALBOA.

March 3	W. S. Miller	Standard Oil Co	San Francisco.
March 3	Romulus	A. O. Lindvig	Portland.
March 8	Birmingham	U. S. Navy	Corinto.
March 9	Tustem	Struthers & Barry	Port San Luis.

March 3	W. S. Miller	Standard Oil Co	San Francisco.
March 4	Romulus	A. O. Lindvig	Valparaiso.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 17, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Canopus [1]	2-21	23.55	11	6.08	11	13.25	....	....	American	U. S. Navy	373.9	51.8	22.6	Hampton R'ds	Balboa				
Agwilake	3-9	16.18	11	7.25	11	16.08	11	19.59	American	Atl. Gulf & West Indies S. S. Co.	468.3	62.7	18.0	Boston	Los Angeles	Ballast		9,802	7,138
Eastern Planet	10	17.48	11	8.00	11	17.03	11	18.52	American	U. S. & Australasia Line (S. B.)	384.8	51.2	24.6	New York	Brisbane	General, case oil	4,260	6,235	4,480
Steel Engineer	10	13.55	11	9.00	11	19.44	11	21.15	American	U. S. Steel Products Co	424.2	56.2	26.3	Baltimore	Honolulu	General, steel	8,565	7,611	5,450
Penang Maru	10	21.05	11	9.32	11	20.25	11	21.43	Japanese	Nippon Yusen Kaisha	404.0	52.0	22.10	New York	Kobe	(6)	5,000	5,785	4,101
Santa Malta	10	17.39	11	10.30	11	21.11	11	22.18	American	Atlantic & Pacific Steamship Co.	404.6	53.9	24.6	New York	Puget Sound	General	6,200	6,766	4,809
Garfield	11	4.38	11	11.02	11	21.58	12	3.30	American	Grace Line	300.0	45.0	16.0	New York	Pacasmayo	General	1,464	3,256	2,010
Montpelier	11	5.03	11	11.42	11	22.46	12	0.05	American	Amer. Ship. & Com. Nav. Co.	460.0	57.9	25.0	Boston	Los Angeles	General	9,321	6,368	4,161
David McKelvy	11	11.22	11	11.55	11	23.31	12	0.46	American	Tidewater Oil Co	430.0	59.2	19.0	New York	Los Angeles	Ballast		7,629	5,393
Trontolite	11	18.50	12	6.23	12	16.21	12	17.36	British	Imperial Oil Co	420.8	57.0	27.0	New York	Los Angeles	Ballast		7,240	4,947
Durango	11	21.35	12	7.13	12	18.54	12	20.21	American	McAllister Brothers (S. B.)	435.0	56.0	19.0	Mobile	Los Angeles	Ballast		7,642	5,327
Carolinian	12	6.22	12	8.08	12	19.48	12	21.00	American	Garland Line	359.8	50.2	20.4	New York	Seattle	General	3,360	4,642	3,510
Albert Jeffress	12	8.20	12	8.40	12	20.47	12	22.15	American	Garland Line	384.6	51.2	25.9	New Orleans	Los Angeles	General	6,100	6,347	4,453
Teucer	12	6.40	12	11.25	12	21.50	12	23.00	British	Ocean Steamship Co	486.0	58.0	30.0	Boston	Shanghai	General	8,740	9,366	6,474
Agwibay	12	12.27	12	12.45	12	22.50	13	7.59	American	Guarantee Trust Co	468.3	62.7	18.0	Baltimore	Los Angeles	Ballast		9,776	6,942
Santa Teresa	12	19.33	13	6.25	13	13.37	13	15.55	American	Grace Line	360.2	51.6	24.0	New York	Talcahuano	General	2,470	5,726	4,086
Antares [2]	10	0.10	13	7.20	13	14.20	....	....	American	U. S. Navy	390.0	52.0	18.6	Hampton R'ds	Balboa	Naval supplies	215		
S. B. Hunt	12	19.12	13	7.47	13	16.10	13	17.10	American	Standard Oil Co	429.0	59.0	18.0	Guanica	Los Angeles	Ballast		7,689	5,447
City of Bombay	12	22.17	13	9.02	13	17.09	13	19.10	British	Ellerman Hall Line	401.0	50.8	25.8	New York	Auckland	General, case oil	3,965	5,865	4,426
Siam [3]	12	14.00	13	9.13	13	18.07	13	19.18	Danish	East Asiatic Steamship Co	410.0	55.2	26.4	Copenhagen	Vancouver	General	8,588	7,068	5,303
Pennsylvania Sun	13	4.22	13	10.22	13	19.35	14	0.01	American	Sun Oil Co	480.5	66.0	20.6	Chester	Los Angeles	Ballast		9,325	6,303
Mahia	13	9.35	13	11.00	13	20.35	14	6.55	British	Shaw, Savill & Albion Co	477.6	63.2	27.0	Glasgow	Auckland	General	7,250	11,026	7,912
Canadian Seigneur	12	12.29	13	12.00	13	21.30	13	23.04	British	Canadian Govt. Merchant Marine	400.6	52.0	20.10	Halifax	Auckland	General	4,797	5,893	4,135
Launch [4]	....	....	13	....	13	9.20	....	....	Panaman	Chris. Dahl	....	....	....	Cristobal	Gatun Lake			1	1
Henderson [5]	12	16.40	14	6.27	14	13.50	....	....	American	U. S. Navy	483.0	60.0	21.0	Washington	Balboa	Naval supplies	102		
Kalfarli	13	18.11	14	7.18	14	18.25	14	23.00	Norwegian	D. Steen	414.0	53.7	17.0	Charleston	Humbolt Bay	Ballast		6,615	4,532
Unita	13	23.40	14	7.57	14	19.24	14	22.45	Norwegian	H. M. Wrangell	338.1	48.0	20.6	New Orleans	San Francisco	General	2,600	3,999	2,924
Baychimo	14	6.25	14	8.00	14	20.05	16	1.51	British	Hudson Bay Co	229.2	36.0	15.0	Aedeossan	Vancouver	Textiles	11	1,362	883
Reiyo Maru	14	5.36	14	8.35	14	22.05	15	3.12	Japanese	Toyo Kisen Kaisha	400.0	53.0	22.8	New York	Yokohama	General	6,165	6,310	4,598
Hoven	14	5.55	14	9.03	14	21.45	14	22.49	American	Walker & Daly (S. B.)	434.8	56.2	19.0	New York	Los Angeles	Ballast		7,426	5,144
Bradford	14	7.23	14	10.00	14	22.39	17	14.40	American	Associated Oil Co	426.9	54.6	23.0	Baltimore	San Francisco	Ballast		7,318	5,287
Albaro	10	20.03	14	10.50	14	23.32	15	0.40	Italian	Italian Line	321.0	40.0	19.2	Genoa	Valparaiso	General	790	3,039	2,090
Walter A. Luckenbach	14	10.02	14	11.20	15	0.17	15	1.35	American	Luckenbach Line	446.5	56.1	26.0	New York	Seattle	General	6,567	8,785	6,567
La Paz [3]	13	20.17	14	12.29	15	1.07	15	2.25	British	Pacific Steam Navigation Co	406.0	54.2	23.0	Hull	Valparaiso	General	8,101	7,216	4,912
Kentuckian	14	13.10	14	13.27	15	1.53	15	3.10	American	American-Hawaiian Line	429.2	53.6	25.0	Boston	Los Angeles	General	5,420	7,049	4,941

[1] Submarine tender. [2] Supply ship. [3] Motor ship. [4] Tender to *Arabia*. [5] Transport. [6] Cotton, machinery, ammonia, and general.

Pear Branch	14	13.25	15	6.15	15	13.40	15	15.05	British	Nautilus Steamship Co	398.6	53.9	18.6	Liverpool	Valparaiso	General	2,928	5,760	3,866
Patuxent [7]			15	6.30	15	13.37			American	U. S. Navy	156.0	29.0		Cristobal	Balboa				
Tilthorn	14	17.32	15	7.30	15	15.10	15	17.05	Norwegian	O. Grolle and T. Olsen	420.2	53.9	16.0	Norfolk	Mejillones	Ballast		6,591	4,730
Commercial Pathfinder	14	18.52	15	7.55	15	16.30	15	17.45	American	Moore & McCormack, Inc.	395.1	49.4	22.6	New York	Los Angeles	General	5,201	5,220	3,734
Byron D. Benson	15	4.47	15	8.55	15	17.23	15	18.25	American	Tidewater Oil Co	465.4	60.2	19.0	New York	Los Angeles	Ballast		8,546	6,095
J. C. Donnell	15	6.12	15	9.23	15	18.18	15	19.24	American	Atlantic Refining Co	500.0	68.2	26.0	Philadelphia	Los Angeles	Ballast		10,435	7,900
Mantaro	6	15.00	15	9.47	15	19.50	15	20.53	Peruvian	Peruvian Line	360.3	46.0	18.10	Cristobal	Callao	General	815	4,838	2,959
Japan Arrow	15	6.18	15	10.35	15	20.45	15	22.02	Japanese	Standard Oil Co	468.3	62.7	20.0	New York	Los Angeles	Ballast		10,084	7,485
Neches [8]	15	10.15	15	11.10					American	U. S. Navy	475.7	56.2	25.6	Port Arthur	Balboa	(11)			
Persian Prince	15	11.25	15	11.45	15	22.00	15	23.34	British	Persian Line, Ltd	405.0	52.8	23.0	Antwerp	Vancouver	General	7,000	5,842	4,061
City of Para	6	21.30	15	12.05	15	22.42	16	11.40	Panaman	Pacific Mail Steamship Co	345.0	38.6	18.11	Cristobal	Champerico	General	909	3,739	2,459
Admiral Codrington	14	8.20	15	13.15	15	23.25	16	0.40	British	Poverty Bay Farmers' Meat Co	420.0	54.0	18.0	Cardiff	Gisborne	Ballast		6,677	4,845
Bogstad	15	14.03	16	6.17	16	13.38	16	19.30	Norwegian	Fearnley & Eger	385.0	54.0	13.6	New York	Cruz Grande	Ballast, general		5,843	4,288
Santa Veronica	15	16.30	16	6.30	16	14.26	16	20.02	American	Amer. & Cuban Mail S. S. Co.	251.0	43.6		Baltimore	Seattle	Steel, tin plate	3,466	2,823	1,740
West Ketan	15	17.32	16	7.43	16	15.18	16	23.20	American	Swayne & Hoyt (S. B.)	410.5	54.3	24.0	Buenos Aires	San Francisco	General	7,182	6,573	4,901
Aysen	12	19.10	16	7.57	16	16.08	16	17.08	Chilean	Chilean Steamship Line	379.6	44.5	21.0	Cristobal	Valparaiso	General	1,559	4,535	3,068
Samuel Q. Brown	16	3.10	16	8.44	16	17.07	16	20.21	American	Tidewater Oil Co	424.4	58.2	25.8	New York	Los Angeles	Ballast		7,333	5,246
Brush	16	6.40	16	9.15	16	18.09	17		American	N. Atl. & Western S. S. Co	390.0	54.2	22.0	Boston	Seattle	General	5,225	6,209	4,317
Steel Scientist	16	4.08	16	11.30	16	19.11	16	20.30	American	U. S. Steel Products Co	424.2	56.2	26.6	Boston	San Diego	Steel, general	8,462	7,611	5,454
Brazos [8]	15	11.34	16	12.55	16	20.00			American	U. S. Navy	475.7	56.2	24.6	Port Arthur	Balboa	Gesoline, fuel oil	6,953		
Kenuta	16	11.47	16	13.05	16	20.52	16	22.04	British	Pacific Steam Navigation Co	412.0	52.0	24.0	Glasgow	Puerto Montt	General	5,697	6,420	4,704
Port Auckland	16	13.20	16	14.20	16	22.07	16	23.20	British	Commonwealth & Dom. Line	480.0	62.0	25.10	New York	Sydney	General	2,676	10,862	8,192
Birk	16	14.08	17	6.25	17	14.11	17	15.15	Norwegian	A. S. R. Odfjell	359.0	52.0	12.0	New York	Chile	Ballast		4,751	3,160
Dorset	16	12.35	17	7.10	17	15.44	17	17.05	British	Federal Steam Navigation Co	460.0	58.2	27.2	London	Hawkes Bay	General	6,400	9,188	6,581
Talamanca [9]	16	8.30	17	7.40	17	15.41	17		Panaman	United Fruit Co	67.0	18.0	8.0	Cristobal	Balboa	Ballast		40	27
Ballena	16	16.19	17	8.14	17	16.34	17	17.43	British	Pacific Steam Navigation Co	400.0	52.0	19.0	Hull	Callao	Cable, coal, gen.	1,746	5,816	4,113
Haarlem	16	7.10	17	8.47	17	17.23	17	18.25	Dutch	Royal Netherlands W. I. Mail Co	374.0	50.0	19.6	Hamburg	Corral	General	3,760	4,759	3,660
Hull No. 330 [10]	15	17.25	17	9.00	17	17.17			American	U. S. Navy	310.0	30.11½		Cristobal	Balboa				
Corry No. 334 [10]	17	3.10	17	9.00	17	17.17			American	U. S. Navy	310.0	30.11½		Cristobal	Balboa				
Cauca	14	21.35	17	9.18	17	18.08	17	19.24	British	Pacific Steam Navigation Co	246.0	35.0	14.10	Cristobal	Corinto	Ballast		1,589	1,018
Cerro Ebano	17	0.28	17	9.51	18	15.25			American	Pan-American Petroleum Co	480.5	66.0	21.0	Tampico	Los Angeles	Ballast		9,398	6,453
Anomia	17	6.42	17	10.37	17	18.55	17	23.35	British	Anglo-Saxon Petroleum Co	400.6	52.5	20.0	Las Palmas	Los Angeles	Ballast			
Chuky	17	7.35	17	11.10	17	20.00	17	21.44	British	Sheridan Steamship Co	440.8	56.0	26.0	Tampico	Tocopilla	Fuel oil	9,500	7,691	4,723
Murex	17	11.20	17	11.55	17	20.43	18	11.04	British	Anglo-Saxon Petroleum Co	412.2	53.0	18.6	Avonmouth	San Francisco	Ballast			

[7] Tug. [8] Tanker. [9] Motor schooner. [10] Destroyer.

[11] 55,000 barrels of oil for U. S. fleet.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Tjibesar	10	6.30	11	7.20	11	15.25	11	15.25	Dutch	Java-China-Japan Line	500.0	63.6	29.7	Caleta Colosa	Eng. Channel	Nitrate	13,092	11,700	8,274
Bjornsterne Bjornson	11	1.00	11	8.51	11	16.45	11	16.45	Norwegian	Oalf Orvis	410.0	54.0	26.6	Mejillones	Wilmington	Nitrate	8,600	6,304	4,752
Halsey	11	7.30	11	9.50	11	17.40	12	4.45	American	Walker & Daly	435.0	56.0	27.3	San Pedro	Fall River	Oil	8,933	7,642	5,324
Steelmaker	11	9.45	11	12.10	11	19.55	11	22.20	American	Isthmian Line	395.5	55.0	25.0	Westport, Ore.	Philadelphia	Lumber	4,766	7,285	5,256
James B. Duke	11	10.45	11	12.47	11	20.52	11	20.50	American	Garland Steamship Corporation	385.0	51.2	22.0	Prescott, Ore.	New York	Lumber	5,400	6,241	4,471
Marore	11	9.05	11	15.58	12	15.05	12	16.05	American	Ore Steamship Corporation	550.3	72.2	32.6	Cruz Grande	Baltimore	Iron ore	20,000	15,551	4,297
Solana	11	12.05	12	7.12	12	16.10	12	16.10	American	Pacific Mail Steamship Co	419.0	56.5	26.10	San Pedro	Bayonne, N. J.	Oil	10,450	7,043	5,041
Nobel	11	17.50	12	8.16	12	17.50	13	10.56	Norwegian	Portagos Steamship Co	140.4	28.6	9.0	Callao	Cristobal [12]	Ballast		396	307

[12] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Denderah	11	21.00	11	8.40	12	17.00	12	19.20	German	Kosmos Line	361.0	51.0	22.6	Corral	Hamburg	General	5,300	4,924	3,524
Hull, No. 330 [13]			12	9.56	12	17.00	13		American	U. S. Navy	238.9	23.0		Balboa	Cristobal				
Corry, No. 334 [13]			12	9.56	12	17.00	13		American	U. S. Navy	238.9	23.0		Balboa	Cristobal				
Arawa	11	12.00	12	10.07	12	18.15	13	4.15	British	Shaw, Saville & Albion	459.5	60.5	26.0	Wellington	London	General	7,000	10,035	7,504
El Monticello	12	3.45	12	10.53	12	20.30	14	14.40	Spanish	Barrio de Santander	330.5	48.9	20.0	Iquique	Bilbao	Nitrate	4,955	3,464	2,310
Aysen	11	18.30	12	12.10	12	19.10	16	7.57	Chile	Chilean Line	376.6	43.0	21.0	Valparaiso	Cristobal	General	339	4,535	3,068
Dakotan	12	8.55	12	12.49	12	21.10	12	21.20	American	United American Lines	407.7	53.7	24.0	Seattle	New York	General	5,510	7,156	5,058
Agwipond	11	20.55	12	14.12	12	22.25	12	22.25	American	Ward Line	408.3	62.7	27.0	San Pedro	Fall River	Oil	12,200	9,810	7,052
Electrician	12	19.00	13	16.48	13	14.45	13	14.47	British	T. and J. Harrison	385.0	52.0	22.0	Vancouver	Liverpool	General	6,339	5,158	3,674
Ardmore	13	7.40	13	9.01	13	18.20	13	19.38	American	International Petroleum Co	449.5	59.6	26.0	Callao	New York	Oil	10,451	8,612	6,457
Agwismith	12	21.15	13	9.55	13	19.26	13	19.26	American	Ward Line	499.9	68.1	29.5	San Pedro	New York	Oil	15,000	10,600	8,071
H. M. Storey	13	12.30	13	13.39	13	22.47	13	22.47	American	Standard Oil Co	500.0	68.2	29.6	Los Angeles	Baltimore	Oil	15,000	11,224	7,849
Kiel	13	16.15	14	6.55	14	14.56	14	23.24	German	Kosmos Line	339.0	47.3	24.6	Mazatlan	Hamburg	General	3,000	4,436	2,764
Andrea F. Luckenbach	13	20.10	14	8.03	14	15.33	14	15.35	American	Luckenbach Line	496.0	68.0	27.6	Los Angeles	Philadelphia	General	9,600	11,486	8,762
Stephen R. Jones	14	0.15	14	8.58	14	17.20	14	20.35	American	Crowell & Thurlow	354.0	49.0	22.6	Everett	Baltimore	General	697	4,627	3,277
Venezuela	13	18.00	14	9.52	14	17.30	16	0.30	American	Pacific Mail Steamship Co	380.0	48.0	26.6	San Francisco	New York	General	3,500	6,033	4,353
Kinderdijk	14	4.00	14	10.11	14	20.05	15	15.03	Dutch	Holland-American Line	469.4	58.2	26.6	San Pedro	Hamburg	General	8,075	8,515	6,060
Santa Tecla	14	9.10	14	11.48	14	21.17	15	10.53	American	Grace Line	298.6	46.0	13.0	Pacasmayo	New York	General	555	2,832	1,803
Cauca	14	9.40	14	11.54	14	21.55	17	9.18	British	Pacific Steam Navigation Co	246.0	32.0	17.6	Acajutla	Cristobal	Coffee, general	1,093	1,789	1,018
Durban Maru	14	11.00	14	13.25	14	22.23	14	22.23	Japanese	Nippon Yusen Kaisha	420.0	56.0	23.0	Hongkong	New York	General	9,095	7,445	5,345
Charles Pratt	14	11.30	14	14.09	15	0.36	15	0.36	American	Standard Oil Co	500.0	68.0	29.8	San Pedro	Charleston	Oil	15,454	10,313	7,492
Greenwich	14	17.00	15	7.09	15	15.45	15	15.45	British	Watts, Watts & Co	341.0	46.6	23.0	Caleta Colosa	Norfolk [15]	Nitrate	5,400	3,974	2,929
O-1 [14]			15	7.14	15	16.10			American	U. S. Navy				Balboa	Cristobal				
General G. W. Goethals	14	11.30	15	7.54	15	16.36	16	15.10	American	Panama Railroad Steamship Line	353.0	48.7	18.6	Guayaquil	New York	General	1,193	5,226	3,617
Gene Crawley	15	7.00	15	9.59	15	19.09	16	6.15	American	Sinclair Navigation Co	304.7	43.7	17.6	Corinto	New Orleans	Ballast		3,332	2,512
Ensley City	15	4.00	15	8.46	15	18.10	15	21.05	American	Isthmian Steamship Co	395.5	55.0	27.6	Antofagasta	Cristobal	Nitrate	9,000	7,330	5,239
Agwisan	15	7.00	15	14.10	15	23.37	15	23.37	American	Ward Line	429.3	59.2	26.6	Los Angeles	Fall River	Oil	10,400	7,612	5,319
Ucayali	15	6.00	15	14.28	15	21.50			Peruvian	Peruvian Line	374.7	46.3	19.6	Iloilo	Cristobal	General	1,455	4,466	2,405
Frank G. Drum	15	16.00	16	6.44	16	15.03	16	16.05	American	Associated Oil Co	435.0	56.2	26.9	Los Angeles	Fall River	Oil	7,000	7,525	5,125
Steel Trader	16	11.50	16	12.23	16	21.00	17	5.00	American	Isthmian Steamship Lines	424.2	56.2	26.0	Vancouver	Avonmouth	General	8,153	7,611	5,450
Steel Seafarer	16	23.30	17	7.00	17	15.30	17	15.30	American	Isthmian Steamship Lines	424.2	56.2	24.6	Vancouver	Boston	General, lumber	8,760	7,611	5,454
Fred W. Weller	16	23.00	17	8.18	17	17.30	17	17.30	American	Standard Oil Co	500.0	68.0	29.0	San Pedro	New York	Oil	15,067	10,928	7,832
Bogota	17	7.00	17	9.45	17	18.40	17	23.50	British	Pacific Steam Navigation Co	400.0	52.4	23.9	Corral	London	General	6,382	5,733	4,015

[13] Destroyer. [14] Submarine. [15] For orders. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 24, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Colombia	17	13.08	18	6.07	18	13.05	19	1.00	American	Pacific Mail Steamship Co	380.0	49.0	23.0	New York	San Francisco	General	3,227	6,015	4,281
Langley [1]	17	21.37	18	7.18	18	16.16			American	U. S. Navy	520.2	65.2	25.0	Pensacola	Balboa				
Iowan	18	6.47	18	8.00	18	17.00	18	18.06	American	American-Hawaiian Line	407.7	53.7	22.0	New York	Los Angeles	General mdse	5,289	7,091	5,002
Floridian	18	18.05	19	6.40	19	20.36	20	2.30	American	American-Hawaiian Line	415.0	53.7	28.5	New York	Puget Sound	General	9,000	7,273	5,105
Orcoma	18	9.13	19	7.25	19	21.24	20	0.30	British	Pacific Steam Navigation Co	511.6	62.0	27.4	Liverpool	Valparaiso	General	3,334	12,267	7,942
Isis [2]	18	22.50	19	8.43	19	22.10	20	0.54	German	Kosmos Line	376.0	51.0	19.0	Hamburg	Corral	General	3,200	5,788	4,027
Iolcos	19	12.23	19	12.45	19	23.06	20	0.05	Greek	Hellenic Transport Co	400.0	52.0	15.6	Pensacola	Mejillones	Ballast		5,771	4,047
Jason [3]	19	22.56	20	6.20	20	16.23			American	U. S. Navy	514.0	65.0	28.0	Norfolk	Balboa	Coal for fleet	11,500		
Foldenfjord	19	16.39	20	7.07	20	17.13	20	23.05	Norwegian	Norwegian-American Line	430.4	59.3	18.0	Christiania	Los Angeles	Ballast		7,780	5,520
Mina Brea	19	17.00	20	7.55	20	18.02			British	Imperial Oil Co	360.3	49.2	14.0	Halifax	Talara	Ballast		4,437	2,717
Batoe	19	17.37	20	8.35	20	19.49	21	5.20	Dutch	Nederland Steamship Co	420.10	54.6	17.0	Amsterdam	Antofagasta	Ballast		7,002	4,944
Handicap [2]	17	7.53	20	9.20	20	20.59	21	2.54	Norwegian	Bruusgaard Kiosterud S. S. Co	415.3	54.7	24.8	Cardiff	Honolulu	Coke and coal	7,979	7,296	5,445
Invergoil	19	20.50	20	10.05	20	21.24	20	22.20	British	British-Mexican Petroleum Co	412.6	55.8	19.0	Southampton	Los Angeles	Ballast		7,099	2,863
Orcus	19	21.50	20	10.20	20	22.40	21	21.25	American	Wessel, Duval & Co. (S. B.)	380.2	53.1	14.0	New York	Talcahuano	General	580	5,667	4,227
Balboa	19	11.55	20	10.20	20	19.02	21	11.08	Colombia	Cia Costancia Colombiana	190.0	29.1	14.0	Pto. Colombia	Tumaco	Salt, general	490	737	335
H. M. Flagler	19	20.00	20	11.03	20	22.45	22	10.46	American	Standard Oil Co	461.6	60.0	25.0	New York	Balboa	Gasoline	4,630	8,450	6,089
Atlantic City	20	6.42	20	11.40	20	23.58	21	10.24	British	W. R. Smith & Sons	411.7	54.0	17.0	Port Talbot	San Francisco	Ballast		6,555	4,659
Lubeck	20	6.30	20	12.05	20	23.45	21	0.50	German	Kosmos Line	338.9	47.4	17.6	Hamburg	Puntarenas	General	638	4,429	2,753
Astronomer	20	7.18	20	12.35	21	0.52	21	2.07	British	Harrison Line	485.7	58.4	27.0	Glasgow	Seattle	General	9,400	8,898	6,334
Chattanooga City	20	9.40	20	13.00	21	1.37	21	3.00	American	U. S. Steel Products Co	424.2	56.2	26.0	Baltimore	Seattle	General	8,279	7,611	5,450
Barge No. 71			20	8.45	20		21	11.08	American	F. J. Marquez				Cristobal	Balboa	Ballast		166	152
Daisy [4]			20		20	11.53			American	E. Patten				Cristobal	Gatun	Ballast		1	1
Heathfield	20	13.20	21	6.35	21	15.40	21	16.45	British	Woodfield Shipping Co., Ltd	400.3	52.0	17.0	Providence	Portland	Ballast		5,804	4,045
Darien	19	23.00	21	6.20	21	14.57	22	7.40	Panaman	H. Obarrio	92.0	26.0	8.0	Cristobal	Buenaventura	Ballast		169	50
Republic	20	17.08	21	7.30	21	18.06	21	19.30	American	Chile Steamship Co	345.1	49.1	20.0	New York	Tocopilla	General and coke	2,420	4,393	3,006
Agwimex	21	3.25	21	7.45	21	18.55	22	0.39	American	Atl. Gulf & W. I. S. S. Co	480.0	65.9	21.0	Boston	Los Angeles	Ballast		9,394	6,325
China Arrow	21	6.30	21	9.25	21	19.47	21	21.05	American	Standard Transportation Co	468.0	62.7	20.0	New York	Los Angeles	Ballast		10,084	7,388
George Allen	21	13.27	21	13.35	21	21.06	22	3.30	American	Garland S. S. Co	385.3	51.2	20.0	New York	Seattle	General	4,304½	6,224	4,465
Amur Maru	21	13.45	22	6.25	22	13.15	22	14.20	Japanese	Osaka Shosen Kaisha	425.0	56.0	22.0	New York	San Francisco	General, cotton	2,718	7,901	5,629
Agwisea	21	13.52	22	7.13	22	14.55	22	19.55	American	Atl. Gulf & W. I. S. S. Co	468.3	62.7	21.6	New York	Los Angeles	Ballast		9,802	6,906
Eurana	21	19.37	22	8.05	22	15.35	22	16.50	American	New York Ship Building Co	419.5	56.5	21.0	Philadelphia	Los Angeles	Ballast		6,989	4,976
Agwistone	21	20.53	22	8.37	22	16.26	22	22.50	American	Atl. Gulf & W. I. S. S. Co	500.0	68.1	20.0	New York	Los Angeles	Ballast		10,600	7,733
S. C. T. Dodd	22	0.30	22	9.10	22	17.05	22	18.15	American	Standard Oil Co	425.0	57.2	18.0	Port Arthur	San Francisco	Ballast		7,481	4,975
Point Lobos	22	4.28	22	9.28	22	17.55	23	23.25	American	Pacific Mail Steamship Co	289.0	44.0	20.0	Mobile	San Francisco	General	3,215	2,895	1,967
Lake Sebago	22	6.30	22	9.55	22	18.55			American	Pacific Spruce Co	252.0	43.0	18.6	Mobile	Los Angeles	Iron pipe, iron	2,421½	2,291	1,531
Ucayali	15	22.45	22	10.53	22	18.54	22	20.05	Peruvian	Peruvian Line	374.0	46.3	18.5	Cristobal	Callao	General	293	4,466	2,405
Hugoton	22	10.25	22	11.00	22	19.35	22	20.44	American	Walker & Daly (S. B.)	434.8	56.0	18.0	Mobile	Los Angeles	Ballast		7,429	5,141

[1] Airplane tender. [2] Motor ship. [3] Collier. [4] Rowboat.

Canadian Freighter	22	10.55	22	11.10	22	20.25	23	14.30	British	Canadian Government	400.0	52.0	19.0	Matanzas	Vancouver	Sugar	3,000	6,224	4,487
Alvarado	21	11.50	22	12.31	22	21.20	23	0.20	British	Pacific Steam Navigation Co	303.0	43.0	17.1	New York	Guayaquil	General	1,005	2,844	1,748
Oregon Maru	22	12.32	22	12.45	22	21.37	23	7.40	Japanese	Kawasaki Dockyard	385.0	51.0	13.0	New York	Coquimbo	Ballast		6,251	4,700
City of Brisbane	22	6.45	23	6.20	23	16.46	23	18.05	British	Ellerman-Hall Line	462.0	58.9	26.6	New York	Brisbane	General	8,249	9,392	7,039
Horace Luckenbach	22	14.05	23	7.22	23	17.30	23	18.20	American	Luckenbach Line	445.0	58.0	21.8	New York	Seattle	General	6,780	8,626	6,290
Cerro Azul	22	23.21	23	8.51	23	18.15	23	19.27	American	Pan-American Petroleum Co	480.0	66.0	20.0	New York	Los Angeles	Ballast		9,398	6,453
City of Tokio	23	13.00	23	13.10	23	20.05	23	21.18	British	Hall Line, Ltd	442.5	59.0	22.0	New York	Japan	General	5,658	9,085	6,933
Victolite	23	13.10	24	6.20	24	14.05	24	15.15	British	Imperial Oil Co	503.0	68.0	22.7	Halifax	Los Angeles	Ballast		11,049	7,774
Lumina	23	15.19	24	7.20	24	14.59	24	16.25	British	Lumina Steamship Co., Ltd	407.6	52.3	18.0	Cardiff	Los Angeles	Ballast		5,940	4,108
Cuyama [5]	16	15.40	24	8.04	24	15.55			American	U. S. Navy	455.0	56.0	25.5	Port Arthur	Balboa	([8])			
Agwihavre	23	23.50	24	8.45	24	18.39	25	0.39	American	Atl. Gulf & W. I. S. S. Co	480.0	66.0	19.0	New York	Los Angeles	Ballast		9,394	6,305
Tiger	24	6.30	24	9.25	24	19.23	24	20.45	American	Standard Transportation Co	410.0	56.0	28.0	Boston	Seattle	General	8,900	8,243	6,312
Edward L. Doheny, Jr	23	11.15	24	9.58	24	20.05	24	21.00	American	Pan-American Petroleum Co	467.6	62.7	21.4	Providence	Los Angeles	Ballast			
Theo. Roosevelt [2]	24	9.50	24	10.19	24	20.50	25	7.27	Norwegian	Fred Olsen & Co	450.0	55.6	23.0	Christiania	Los Angeles	General	7,000	7,593	5,637
Noma [6]	19	8.30	24	11.13	24	21.50	24	23.02	American	Rodman Wanamaker	263.0	28.0	16.6	Habana	Galapagos Is	Ballast		803	424
I. C. White	24	11.00	24	11.45	24	22.20	24	23.22	American	Pan-American Petroleum Co	429.0	59.0	20.0	New York	Los Angeles	Ballast			
Bernice G [7]	19		24		24	12.59			American	O. E. McCoin	20.4	7.8		Cristobal	Gatun Lake	Ballast		2	2
William Rockefeller	24	11.40	24	12.50	24	23.15	25	0.18	American	Standard Oil Co	555.0	75.0	23.0	Baltimore	Los Angeles	Ballast		14,785	10,313
William G. Warden	24	13.17	24	13.25	24	23.54	25	0.54	American	Standard Oil Co	500.0	68.2	20.6	Charleston	Los Angeles	Ballast		10,524	7,600

[5] Tanker. [6] Yacht. [7] Launch.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

[8] 55,000 barrels of fuel oil.

President Harrison	17	18.15	18	6.50	18	14.13	18	16.13	American	Swayne & Hoyt	502.1	62.2	23.0	Seattle	Buenos Aires	General	1,825	12,031	8,495
Bushnell			19	7.06	19	13.35	24	13.00	American	U. S. Navy	328.2	45.7	16.6	Balboa	Coco Solo				
O-11 [9]			19	6.23	19	15.50			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-13 [9]			19	6.23	19	15.55			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
Toluma	18	14.05	19	7.40	19	18.20	19	19.35	Norwegian	Grace Line	417.5	54.0	29.6	Punta Arenas	New York	([11])	9,666	7,176	5,219
O-16 [9]			19	7.34	19	15.55			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-2 [9]			19	7.34	19	17.00			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
Santa Gerturdis	18	17.15	19	8.40	19	17.06	19	17.06	British	San Antonio Steamship Co	238.6	37.0	13.6	Anacortes	Puerto Mexico	Box shooks	852	1,492	835
R-21 [9]			19	8.33	19	15.55			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				
R-25 [9]			19	8.33	19	15.55			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				
R-23 [9]			19	8.37	19	17.00			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				
R-26 [9]			19	8.37	19	17.00			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				
Potosi	18	21.40	19	9.26	19	18.55	19	20.40	British	Pacific Steam Navigation Co	381.0	49.0	25.0	Caleta Colosa	Europe [12]	Nitrate of soda	6,042	5,559	4,201
Patuxent [10]	17	23.25	19	10.04	19	22.48			American	U. S. Navy	117.0	29.8	9.0	Cape Mala	Coco Solo				
Lewis Luckenbach	19	6.0	19	10.23	19	20.10	19	20.10	American	Luckenbach Line	496.0	62.2	27.0	Seattle	Boston	Lumber, general	9,502	11,487	8,762
R-27 [9]			19	10.05	19	18.50			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				
R-24 [9]			19	10.05	19	18.50			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				

[9] Submarine. [10] Towing raft. [11] Nitrate, flax, wool. [12] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Santa Elisa	19	7.20	19	11.07	19	21.40	20	0.55	American	Grace Line	360.3	51.7	24.6	Talcahuano	New York	Copper, general	4,147	5,957	4,325
O-2 [13]			19	10.35	19	21.29			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-4 [13]			19	10.35	19	21.29			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-6 [13]			19	10.35	19	22.45			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-5 [13]			19	10.35	19	22.45			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
Salvador	19	4.00	19	11.53	19	21.43			British	Pacific Steam Navigation Co.	225.0	35.4	16.2	Corinto	Cristobal	(14)			
O-9 [13]			19	11.33	19	22.45			American	U. S. Navy	172.4	11.0	14.5	Balboa	Coco Solo				
O-8 [13]			19	11.33	19	22.45			American	U. S. Navy	172.4	11.0	14.5	Balboa	Coco Solo				
O-10 [13]			19	11.40	19	22.45			American	U. S. Navy	172.4	11.0	14.5	Balboa	Coco Solo				
Darien	18	11.55	19	12.35	19	23.00	21	6.20	American	H. Obarrio	92.0	26.0	7.0	Buenaventura	Cristobal	General, coffee	105	169	50
O-3 [13]			19	12.35	19	23.35			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-15 [13]			19	12.35	19	23.35			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
O-14 [13]			19	12.35	19	23.35			American	U. S. Navy	172.4	18.0	14.5	Balboa	Coco Solo				
Ruapehu	19	7.45	19	14.10	20	0.20	20	7.50	British	New Zealand Steamship Co	457.3	58.2	23.2	Wellington	Liverpool	Cold storage	4,632	9,106	6,855
Canadian Challenger	19	8.02	19	14.48	20	0.55	20	6.28	British	Canadian Govt. Mer. Marine	400.0	52.2	16.8	Sydney	New York	Wool, skins	2,200	6,142	4,354
Savannah			20	7.00	20	17.12			American	U. S. Navy	400.0	46.1	26.5	Balboa	Coco Solo				
S-1 [13]			20	7.47	20	17.17			American	U. S. Navy	175.0	16.3		Balboa	Coco Solo				
R-22 [13]			20	7.47	20	17.17			American	U. S. Navy	186.1	18.0	14.5	Balboa	Coco Solo				
Palm Branch	19	16.00	20	7.47	10	18.10	20	21.00	British	F. and W. Ritson	360.0	45.0	24.11	Valparaiso	Antwerp	General	5,205	4,195	3,088
J. W. Van Dyke	19	18.30	20	8.39	20	18.65	20	18.55	American	Atlantic Refining Co	435.0	56.0	28.9	Los Angeles	Philadelphia	Oil	10,000	7,460	5,215
Remuera	19	10.15	20	13.48	20	21.54	21	1.40	British	New Zealand Steamship Co	486.0	62.3	25.0	Wellington	London	(16)	4,979	11,717	8,751
W. C. Teagle	20	20.00	21	7.08	21	15.35	21	15.35	American	Standard Oil Co	499.1	68.2	29.0	Los Angeles	NewYork	Oil	14,971	10,991	7,904
Edward Luckenbach	20	23.00	21	8.15	21	16.25	21	16.25	American	Luckenbach Line	347.0	57.0	26.4	San Pedro	New York	Shingles, general	5,700	8,543	6,427
Santa Paula	20	23.55	21	8.46	21	17.05	21	17.05	American	Pacific Mail Steamship Co	404.6	54.0	27.4	Seattle	Baltimore	Lumber, general	7,093	6,756	4,775
Lehigh	21	1.30	21	9.34	21	17.38	21	17.38	American	N. Atl. & Western S. S. Co	390.0	54.2	25.0	Portland	Philadelphia	Lumber, general	6,428	6,144	4,276
Florence Luckenbach	21	5.10	21	10.43	21	19.52	21	19.52	American	Luckenbach Line	401.8	52.0	22.0	Seattle	New York	(17)	6,740	6,002	4,621
S. M. Spalding	21	6.25	21	11.43	21	21.11	21	21.11	American	Huasteco Petroleum Co	435.0	56.0	28.7	Los Angeles	New York	Oil	10,278	7,331	5,080
Balboa [15]	21	16.80	22	7.10	22	16.30	23	11.58	Sweden	Johnson Line	426.9	56.3	27.5	San Francisco	Christiana	General	9,200	7,480	5,533
Yorba Linda	22	3.50	22	7.59	22	16.32	22	16.32	American	General Petroleum Corporation	436.0	56.2	28.4	Los Angeles	Boston	Oil	9,400	7,424	5,077
Camden			23	7.25	23	15.13			American	U. S. Navy	388.0	47.6	22.10	Balboa	Coco Solo				
S-19 [13]			23	7.35	23	15.20			American	U. S. Navy	231.0	31.0		Balboa	Coco Solo				
S-20 [13]			23	7.35	23	15.20			American	U. S. Navy	231.0	31.0		Balboa	Coco Solo				
Wright			23	7.41	23	16.38			American	U. S. Navy	488.0	58.0	25.10	Balboa	Coco Solo				

[13] Submarine. [14] Coffee, wood, hides, general. [15] Motorship. [16] Cold storage and general. [17] Lumber, shingles, and general.

Bobolink No. 20	....	.....	23	7.53	23	16.40	23	19.05	American...	U. S. Navy	187.0	35.4	.....	Balboa	Coco Solo	.....	.....	.....	.....
Robin No. 30	....	.....	23	8.00	23	16.40	23	19.05	American...	U. S. Navy	187.0	35.4	.....	Balboa	Coco Solo	.....	.....	.....	.....
William A. McKenney	22	15.25	23	8.47	23	17.45	23	18.50	American...	Crowell & Thurlow	395.0	55.1	26.0	Everett	Baltimore	Lumber, general.	5,259	6,532	4,528
Quail No. 15	....	.....	23	9.14	....	(18)	....	.....	American...	U. S. Navy	187.0	35.4	.....	Balboa	Miraflores	.....	.....	.....	.....
Roland	22	22.30	23	9.25	23	18.25	23	19.19	German...	Roland Line	360.6	51.0	23.8	Talcahuano	Hamburg	General	5,874	4,791	3,374
Hermes	23	4.00	23	10.40	23	19.50	24	17.15	Dutch	Royal Netherlands W. I. Mail	363.0	48.0	20.6	Valparaiso	Amsterdam	Nitrate, general.	3,745	4,182	3,059
Robin Goodfellow	22	22.01	23	11.31	23	20.28	23	20.28	American...	Seas Shipping Co	424.3	55.2	27.6	Honolulu	Boston	General	6,144	7,473	5,536
Cheyenne	23	15.00	24	6.49	24	15.20	24	22.35	British	Anglo-American Oil Co	388.0	50.6	25.3	San Francisco	London	Oil	6,443	5,245	3,650
Teal No. 23 [19]	....	.....	24	6.51	24	14.51	....	.....	American...	U. S. Navy	180.0	35.6	9.9	Balboa	Coco Solo	.....	.....	.....	.....
Vestal	....	.....	24	7.47	24	17.15	24	17.30	American...	U. S. Navy	450.0	60.0	21.7	Balboa	Coco Solo	.....	.....	.....	.....
Rail No. 26	....	.....	24	7.56	24	17.24	24	17.30	American...	U. S. Navy	180.6	35.7	.....	Balboa	Coco Solo	.....	.....	.....	.....
Gothic Star	23	14.30	24	8.48	24	17.29	24	17.29	British	Blue Star Line	419.0	54.7	20.6	Seattle	Glasgow	(21)	4,282	7,521	5,852
Sandpiper No. 51	....	.....	24	8.56	24	17.37	....	.....	American...	U. S. Navy	187.0	35.0	.....	Balboa	Coco Solo	.....	.....	.....	.....
Conia	23	15.25	24	9.48	24	19.40	26	7.50	British	Shell Oil Co	399.5	52.4	.....	Los Angeles	Cristobal	Oil	7,760	6,037	4,148
Tulsagas	23	17.00	24	11.25	24	18.53	24	18.53	American...	McAllister Brothers	431.0	59.2	25.0	San Pedro	Fall River	Oil	9,800	7,817	4,961
Dramatist	23	16.00	24	12.36	24	20.53	24	20.53	British	Harrison Line	410.1	52.3	26.0	Vancouver	Liverpool	(22)	6,900	6,202	4,154
Oriana	23	22.00	24	13.07	24	20.00	25	0.45	British	Pacific Steam Navigation Co	465.7	56.0	28.3	Coronel	Liverpool	General	5,767	8,620	5,345
Urubamba	24	5.45	24	13.34	24	22.20	....	.....	Peruvian...	Peruvian Line	381.5	46.1	20.0	Iloilo, Peru	Cartagena	General	1,751	5,018	3,215
Ramapo [20]	....	.....	24	14.40	24	23.08	25	10.05	American...	U. S. Navy	461.6	60.0	27.0	Balboa	Cristobal	.....	.....	.....	.....
A. C. Bedford	24	12.00	24	14.59	25	0.58	25	0.58	American...	Standard Oil Co	500.0	68.0	30.6	Los Angeles	New York	Crude oil	15,714	10,861	7,816

[18] Went to Miraflores and returned South. [19] And barge. [20] Tanker. [21] Refrigerated fruit and general. [22] Barley and canned goods.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
March 18	Atenas	United Fruit Co	New Orleans via wayports.
March 19	Eupatoria	Hamburg-American Line	Hamburg via wayports.
March 20	Heredia	United Fruit Co	New Orleans via wayports.
March 21	Carrillo	United Fruit Co	New York via Kingston.
March 23	Ulua	United Fruit Co	New York via wayports.
March 24	San Benito	United Fruit Co	Boston via wayports.
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.....	.....	.....	.....
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*DEPARTURES.

Date.	Vessel.	Line.	For—
March 18	Venezuela	Royal Netherlands W. I. Mail	Amsterdam via wayports.
March 18	Puerto Rico	French Line	St. Nazaire via wayports.
March 19	Cristobal	Panama Railroad Steamship Line	New York.
March 20	Atenas	United Fruit Co	New Orleans via wayports.
March 20	Eupatoria	Hamburg-American Line	Port Limon.
March 22	Heredia	United Fruit Co	New Orleans via wayports.
March 22	Carrillo	United Fruit Co	Colombian ports.
March 24	San Benito	United Fruit Co	Boston.
March 25	Ulua	United Fruit Co	New York via wayports.

PORT OF BALBOA.

March 18	Sinaola	R. S. Silva Ag. Co	San Francisco.	March 20	Sinaola	R. S. Silva Ag. Co	Guayaquil.
March 21	Akera	Anglo-Saxon Petroleum Co	San Pedro.	March 23	Rakuyo Maru	Toyo Kisen Kaisha	Valparaiso.
March 22	Rakuyo Maru	Toyo Kisen Kaisha	Hongkong.	March 24	Akera	Anglo-Saxon Petroleum Co	San Pedro.
March 24	Lompoc	C. T. Bowring	Port San Luis.	.....	.....	.....	.....

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, March 31, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Tainui	24	0.10	25	6.10	25	14.25	25	15.30	British	Shaw, Savill & Albion Co	477.8	61.1	26.9	London	Wellington	General	5,880	10,631	7,606
Carolyn	24	10.50	25	7.15	25	15.22	25	17.25	American	A. H. Bull & Co	313.0	46.0	20.0	Galveston	Dupont	Sulphur, powder	4,550	3,649	2,566
San Francisco [1]	24	13.58	25	7.22	25	20.05	25	22.46	Swedish	Johnson Line	362.0	51.0	22.8	Antwerp	Seattle	General	4,819	5,298	4,019
Laurel Branch	25	6.47	25	8.38	25	18.25	25	19.35	British	F. and W. Ritson	360.0	46.0	19.0	London	Guayaquil	General	1,781	4,182	3,047
Hesperos	25	7.50	25	9.05	25	19.00	25	20.00	Norwegian	Bruusgaard Kiosterud	389.8	54.0	15.0	Norfolk	Iquique	Ballast		5,693	4,230
Atlanta City	25	7.27	25	12.45	25	20.40	25	21.55	American	U. S. Steel Products Co	441.0	56.0	26.9	Baltimore	Yokohama	General	8,113	7,611	5,450
John Worthington	25	12.04	26	6.20	26	14.29	26	15.35	American	Standard Oil Co	464.0	60.0	20.0	Hamburg	Los Angeles	Ballast		8,491	6,096
Wales Maru	25	22.30	26	7.40	26	15.08	26	21.56	Japanese	Kokusai Kisen Kaisha	405.0	53.0	16.0	New York	Antofagasta	Ballast		7,043	5,077
Annapolis [2]	22	22.37	26	7.42	4–1	15.16			American	U. S. Navy	203.0	40.0	13.6	Willemstad	Gatun	Ballast			
F. J. Luckenbach	26	3.37	26	8.03	26	16.13	26	17.18	American	Luckenbach Line	446.0	56.0	30.0	Galveston	Seattle	General	9,757	8,508	6,179
Frogner	26	6.25	26	8.55	26	19.51	27	1.45	Norwegian	Fearnley & Eger	407.1	53.8	26.0	Galveston	Yokohama	Phosphate	8,177	7,010	5,310
Huguenot	26	7.15	26	9.23	26	20.34	27	21.40	American	McAllister Brothers (S. B.)	434.8	56.2	21.0	New York	Los Angeles	Ballast		7,394	5,099
Panama Maru	26	9.55	26	10.40	26	21.22	26	22.32	Japanese	Osaka Shosen Kaisha	400.0	51.8	19.6	Buenos Aires	Kobe	General	1,412	6,099	4,289
Gen. O. H. Ernst	25	17.22	26	13.25	26	21.32	28	7.30	American	Panama Railroad Steamship Line	356.4	45.3	21.0	New York	Guayaquil	General	2,256	4,503	2,764
Coma	26	12.45	27	6.20	27	14.54	27	17.28	British	William Crosbie	358.0	47.6	26.6	New York	Brisbane	General	5,300	4,796	3,512
Dillwyn	26	16.55	27	7.20	27	15.32	27	16.35	American	Walker & Daly (S. B.)	435.0	56.0	16.0	New York	Los Angeles	Ballast		7,441	5,180
Moerdijk	25	21.52	27	8.06	27	18.01	27	16.35	Dutch	Holland-American Line	472.0	61.0	19.6	Hamburg	San Francisco	General	1,007	9,165	7,056
Ipswich	26	20.30	27	8.40	27	18.46	27	21.57	American	Shawmut Steamship Co	400.7	54.2	25.0	Charleston	Seattle	General	7,886	6,616	4,614
Chester Sun	26	22.40	27	9.20	27	19.39	28	0.32	American	Sun Oil Co	429.3	59.2	19.6	Philadelphia	Los Angeles	Ballast		7,684	5,299
Diadem	26	22.48	27	9.50	27	20.25	27	21.33	British	Hall Brothers	390.0	54.0	15.0	Charleston	Cruz Grande	Ballast		5,918	4,142
Santa Barbara	26	6.00	27	10.30	27	22.05	28		American	Grace Line	404.6	53.0	24.3	Baltimore	Seattle	General, steel	6,219	6,789	4,746
Robert E. Hopkins	27	10.43	27	12.33	27	22.16	27	23.55	American	Tidewater Oil Co	424.4	58.2	19.6	New York	Los Angeles	Ballast		7,333	5,244
Teno	26	19.36	27	13.12	27	22.55	28	0.11	Chilean	Chilean Line	421.8	56.0	22.7	New York	Valparaiso	General	915	7,758	4,672
Swiftwind	28	3.17	28	6.35	28	16.42	28	19.55	American	Swiftsure Oil Transport Co	464.0	60.0	20.0	New York	Los Angeles	Ballast		8,473	5,997
Charles Pratt	28	6.02	28	7.53	28	17.35	28	18.55	American	Standard Oil Co	500.0	68.0	21.0	Charleston	Los Angeles	Ballast		10,313	7,492
Patuxent [3]	19	22.48	28	7.44	28	14.23			American	U. S. Navy	156.0	29.0	16.0	Cristobal	Balboa				
Erroll	28	2.40	28	9.23	28	19.40	28	20.50	British	Australind Steamship Co	365.0	47.0	23.7	St. John's	Auckland	General	4,500	4,665	3,322
Steelore	28	9.55	28	10.25	28	20.55	29	3.00	American	Ore Steamship Co	550.3	72.2	24.0	Baltimore	Cruz Grande	Ballast		15,551	4,297
Iowa	28	0.40	28	12.05	28	21.25	28	22.24	French	French Line	450.0	53.3	15.11	Havre	Vancouver	General	580	7,520	5,070
S-31 [4]			28	12.05	28	21.00			American	U. S. Navy	219.0	20.8		Cristobal	Balboa				
S-32 [4]			28	12.05	28	21.00			American	U. S. Navy	219.0	20.8		Cristobal	Balboa				
Lobos [1]	28	7.50	29	6.12	29	12.55	29	14.10	British	Pacific Steam Navigation Co	404.7	54.2	18.6	Hull	Valparaiso	General	3,348	7,151	4,756
Lancaster	28	17.50	29	6.27	29	13.51	29	23.27	American	Argonaut Steamship Line	434.3	57.7	25.0	Boston	Seattle	General	9,250	7,943	5,872
Waiwera	28	13.45	29	7.10	29	14.45	27	15.54	British	Shaw, Savill & Albion Co	425.7	54.0	26.0	London	Auckland	General	5,400	7,468	5,433

[1] Motor ship. [2] Training ship. [3] Tug. [4] Submarine.

Paul Luckenbach	28	19.25	29	7.35	29	15.28	29	16.20	American	Luckenbach Line	491.6	59.0	27.0	Philadelphia	Los Angeles	General	7,600	9,027	6,539
Port Melbourne	28	20.35	29	8.55	29	15.53	29	16.44	British	Commonwealth & Dom. Line	501.0	63.4	27.6	Glasgow	Auckland	General	6,621	11,861	9,065
British Star	28	21.50	29	9.05	29	16.40	29	21.07	British	British Government	429.0	57.0	22.0	Glasgow	Los Angeles	Ballast		7,174	4,964
D. G. Schofield	29	1.53	29	10.13	29	17.23	29	22.37	American	Standard Oil Co	439.5	58.0	17.6	Philadelphia	San Francisco	Lubricating oil	(5)	8,698	6,040
Santa Ana	28	19.20	29	10.05	29	18.29	29	22.37	American	Grace Line	360.2	51.6	22.5	New York	Talcahuano	General	1,876	5,776	4,081
Salvador	19	21.43	29	10.12	29	18.25	29	19.35	British	Pacific Steam Navigation Co	215.0	35.0	15.3	Cristobal	Champerico	General	948	1,270	735
Santa Rosalia	29	0.45	29	11.00	29	19.10			American	U. S. Steel Products Co	406.0	52.6	24.7	New York	Talcahuano	General	5,178	5,900	4,443
Panaman	29	4.15	29	11.10	29	20.04	30	0.37	American	American-Hawaiian Line	407.7	53.7	23.0	New York	Puget Sound	General	6,100	7,098	5,029
Josiah Macy	29	6.15	29	12.35	29	21.25	29	22.37	American	Standard Oil Co	419.0	57.2	17.6	New York	Los Angeles	Ballast		7,197	5,082
Canadia Spinner	29	6.40	29	12.25	29	20.39	29	21.35	British	Canadian Govt. Merch. Marine	400.0	52.4	17.0	Halifax	Auckland	General	6,000	5,871	4,094
Huasco	26	15.20	29	13.07	29	22.10	29	23.27	Chilean	Chilean Line	379.7	44.3	20.2	Cristobal	Valparaiso	General	574	4,552	3,182
Kendal Castle	29	7.33	29	13.05	29	22.57	29	23.45	British	Lancashire Shipping Co	418.5	55.6	25.6	New York	Shanghai	General	7,659	6,773	4,973
Bantu	29	10.00	30	6.22	30	14.34	30	16.00	American	Isthmian Lines	360.0	47.0	26.2	New York	Bellingham	(6)	5,275	4,607	3,032
Port Lyttelton	29	17.08	30	7.10	30	16.16	30	17.25	British	Commonwealth & Dom. Line	450.0	55.0	23.6	New York	Sydney	General	2,969	8,124	5,715
Elkton	29	22.55	30	8.20	30	18.16	30	23.40	American	Barber Line (S. B.)	402.6	54.8	22.6	New York	Hongkong	General, case oil	5,877	6,929	5,216
Georgian	30	4.19	30	9.15	30	19.04	30	19.50	American	American-Hawaiian Line	386.8	52.2	24.6	Philadelphia	Los Angeles	General	5,950	5,719	4,023
Hamburg Maru	30	8.50	30	9.45	30	19.55	31	0.02	Japanese	Osaka Shosen Kaisha	400.0	54.0	22.0	New York	Yokohama	(7)	4,539	6,094	4,301
H. M. Storey	30	11.55	30	12.15	30	20.43	30	23.40	American	Standard Oil Co	500.0	68.2	21.0	Baltimore	Los Angeles	Ballast		11,224	7,849
Steel Mariner	30	12.10	30	12.30	30	21.28	30	22.32	American	U. S. Steel Products Co	424.2	56.2	25.0	Galveston	Yokohama	General	7,688	7,611	5,450
Helder	30	1.28	31	6.17	31	14.09	31	16.05	Dutch	Royal Netherlands W. I. Mail	373.0	50.0	18.11	Hamburg	Corral	General	3,573	5,117	3,807
Marore	31	6.22	31	7.25	31	16.50	31	22.52	American	Ore Steamship Co	550.3	72.2	22.0	Baltimore	Cruz Grande	Ballast		15,551	4,297
J. R. Gordon	31	6.45	31	8.55	31	17.29	31	23.43	American	Union Sulphur Co	409.8	54.2	24.0	Sabine	Los Angeles	Sulphur	7,500	6,581	4,784

[5] 6,000 barrels. [6] Steel products and general. [7] Oil, machinery, sulphate of ammonia, and cotton.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Shawmut			25	7.17	25	14.14	30	20.35	American	U. S. Navy	375.0	52.2	17.10	Balboa	Coco Solo				
Mallard No. 44			25	7.24	25	14.19	30	12.30	American	U. S. Navy	187.0	38.0		Balboa	Coco Solo				
Quail No. 15			25	7.34	25	14.23			American	U. S. Navy	180.0	35.6		Balboa	Coco Solo				
Mahan No. 102			25	7.53	25	18.20	30	13.25	American	U. S. Navy	314.0	30.0		Balboa	Coco Solo				
Maury No. 100			25	8.04	25	18.20	31	6.00	American	U. S. Navy	314.0	30.0		Balboa	Coco Solo				
Brazos			25	8.48	25	15.45	26	3.00	American	U. S. Navy	475.0	56.0	19.9	Balboa	Coco Solo				
Loch Goil	25	6.00	25	9.30	25	17.17	25	22.25	British	Royal Mail Steam Packet Co	485.7	62.3	28.9	Vancouver	Liverpool	General	9,452	10,803	7,606
American	25	5.20	25	10.50	25	19.10	25	20.45	American	United American Lines	406.8	51.1	26.0	Portland	Philadelphia	Lumber	5,373	5,918	4,113
Casiana	25	7.30	25	11.40	25	19.35	26	1.00	American	E. L. Doheney	254.0	33.0	16.0	San Pedro	Key West			1,197	477
Erle	25	7.00	25	13.16	25	20.50	25	20.50	Norwegian	Corrissen & Co	399.6	53.0	19.3	Manila	Philadelphia	Hemp, copra	4,350	6,207	4,549
James McGee	25	13.00	25	14.49	25	22.42	25	22.42	American	Standard Oil Co	499.1	68.2	29.10	San Pedro	New York	Oil	15,000	10,964	7,909
Trinity			25	15.43	25	23.48	27	8.40	American	U. S. Navy	463.3	60.0	21.0	Balboa	Coco Solo				
Rochester			26	7.39	26	14.37	27	6.35	American	U. S. Navy	300.0	64.0	22.10	Balboa	Coco Solo				
Huasco	25	3.45	26	8.09	26	15.20	29	13.07	Chilean	South American Steamship Co	378.9	44.0	18.0	Valparaiso	Cristobal	General	275	4,552	3,182
Henderson			26	8.53	26	16.20	26	16.55	American	U. S. Navy	480.0	63.0	22.10	Balboa	Coco Solo				
Bridgeport			26	9.46	26	17.36	26	17.36	American	U. S. Navy	429.3	54.3	14.10	Balboa	Coco Solo				
Childs No. 241			26	9.51	26	18.18	26	21.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
Sands No. 243			26	9.51	26	18.18	26	21.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
James K. Paulding No. 238			26	10.13	26	18.18	26	21.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
Humphreys No. 236			26	10.13	26	18.18	26	21.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Brooks No. 232			26	11.14	26	19.13	26	21.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
Billingstey No. 293			26	11.14	26	19.13	26	21.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
Breck No. 283			26	11.30	26	19.13	27	17.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
Preston No. 327			26	11.30	26	19.13	27	17.10	American	U. S. Navy	310.0	30.11		Balboa	Coco Solo				
George Washington	25	16.00	26	12.00	26	21.00	26	21.00	Norwegian	Peter Olsen	425.5	55.3	29.0	Portland	Christiana	General	9,185	7,505	5,627
Jacob Luckenbach	26	13.52	26	12.48	26	21.14	26	21.14	American	Luckenbach Line	414.5	53.7	23.6	Seattle	Galveston	General	5,100	7,315	5,270
Cuba	26	6.00	26	13.50	26	22.50			American	Pacific Mail Steamship Co	307.7	42.2	21.6	San Francisco	Cristobal	General	2,223	3,429	2,206
Almagro	26	10.50	26	14.21	26	23.50	27	20.20	British	Pacific Steam Navigation Co	303.4	43.0	15.0	Guayaquil	New York	General	1,103	2,878	1,714
Alaska Maru	26	11.50	26	14.49	26	23.50	27	0.30	Japanese	Osaka Shosen Kaisha	420.0	56.0	21.0	Singapore	New York	General	8,055	7,773	5,639
Imlay	26	12.30	26	15.31	27	13.20	27	13.20	American	Struthers & Barry	425.0	57.0	28.0	San Francisco	New York	Oil	8,964	7,218	4,959
Peursum	26	13.00	26	15.42	27	14.45	27	17.25	Dutch	New Orleans & South Atlantic	281.5	40.0	20.2	Caleta Buena	New Orleans	Nitrate	3,257	2,713	1,867
Lamson No. 328			27	7.12	27	14.34	27	17.10	American	U. S. Navy	314.0	31.0		Balboa	Coco Solo				
Charles Ashburn No. 294			27	7.12	27	14.33	27	17.10	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Coghlan No. 326			27	7.22	27	16.04	27	17.10	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Bruce No. 329			27	7.22	27	16.05	27	17.10	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Worden No. 288			27	7.42	27	16.11	27	17.10	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Reid No. 292			27	7.42	27	16.15	27	21.30	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Lardner No. 286			27	8.07	27	17.40	27	17.40	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Dale No. 290			27	8.07	27	17.40	27	17.40	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Ioncy No. 282			27	8.18	27	18.26	27	18.26	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Case No. 285			27	8.18	27	18.26	27	18.26	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Isherwood No. 284			27	8.25	27	17.40	27	17.40	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Osborne No. 295			27	8.25	27	17.40	27	17.40	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Sharkey No. 281			27	8.30	27	17.40	27	17.40	American	U. S. Navy	314.0	31.0		Balboa	Guantanamo				
Australind	26	19.44	27	8.46	27	17.20	27	18.50	British	Australind Steamship Co	384.0	50.1	18.5	Sydney	New York	General	2,700	5,667	4,143
T. J. Williams	26	21.00	27	9.43	27	19.28	27	19.28	American	Standard Oil Co	465.4	60.2	26.9	San Pedro	New York	Oil	11,000	8,585	6,087
Geo. H. Jones	27	1.00	27	10.24	27	19.46	27	19.46	American	Standard Oil Co	429.0	59.2	25.7	San Pedro	Baton Rouge	Oil	10,000	7,689	5,286
Montano	27	3.00	27	11.15	27	20.33	27	20.33	American	Luckenbach Line	419.5	56.5	26.5	Vancouver	Boston	General	6,830	8,696	6,315
Ohioan	27	5.40	27	12.19	27	20.51	27	20.51	American	United American Lines	407.0	53.7	26.0	Los Angeles	Philadelphia	General	6,018	7,112	4,896
District of Columbia	27	7.40	27	13.20	27	22.05	27	22.38	American	Walker & Daly	431.0	59.2	25.6	San Pedro	Fall River	Oil	8,587	8,097	5,362
Agwistar	27	10.05	27	13.40	27	23.15	27	23.15	American	American-Hawaiian Line	370.0	53.1	22.6	Los Angeles	New York	General, lumber	5,000	5,523	4,203
Maryland			27	14.40	28	11.35	28	11.35	American	U. S. Navy	600.0	97.5	33.0	Balboa	New York				

Wyoming			28	6.43	28	15.03	28	15.03	American	U. S. Navy	554.0	93.2	30.0	Balboa	Guantanamo					
Delaware			28	7.02	28	16.35	28	16.35	American	U. S. Navy	510.0	85.3	30.8	Balboa	Guantanamo					
Utah			28	7.50	28	16.56	28	16.56	American	U. S. Navy	510.0	88.0	30.0	Balboa	Guantanamo					
North Dakota			28	8.15	28	17.45	28	17.45	American	U. S. Navy	510.0	85.0	30.0	Balboa	Guantanamo					
Alaskan	27	19.00	28	9.01	28	18.26	28	18.26	American	United American Lines	472.1	57.2	31.0	Los Angeles	Liverpool	General	10,841	9,250	6,816
E. T. Bedford	27	22.00	28	9.58	28	18.57	28	18.57	American	Standard Oil Co	499.2	68.1	29.6	San Pedro	New York	Oil	16,716	11,002	7,960
Vancouver Maru	28	6.30	28	10.25	28	20.11	28	21.05	Japanese	Kokusai Kisen Kaisha	385.0	51.0	26.6	Mejillones	New Orleans	Nitrate	8,128	5,919	4,389
Mercy			28	10.46	28	19.40	28	19.40	American	U. S. Navy	455.0	51.0	19.1	Balboa	Guantanamo				
Lark No. 21			28	8.30	28	18.24	30	18.20	American	U. S. Navy	180.0	35.6		Balboa	Guantanamo				
Vireo No. 52			28	10.56	28	19.24	28	20.30	American	U. S. Navy	180.0	35.6		Balboa	Guantanamo				
Antares			28	11.26	28	20.50	28	20.50	American	U. S. Navy	390.0	54.0	19.1	Balboa	Hampton R'ds				
Contocock No. 36			28	11.29	28	20.15	28	20.30	American	U. S. Navy	149.3	30.0		Balboa	Guantanamo				
Muskogee	28	7.00	28	13.01	28	21.14	28	21.14	American	Standard Oil Co	450.9	57.9	26.7	San Pedro	New York	Fuel oil	10,000	7,574	5,193
Proteus			28	14.08	28	22.23	28	22.23	American	U. S. Navy	500.0	62.0	24.0	Balboa	Guantanamo				
Mari	28	14.00	28	15.05	28	22.35	29	12.30	Peruvian	Cia. Navura Amaya	350.4	50.1	21.0	Mejillones	Savannah	Nitrate	5,308	4,346	5,084
Bethore	28	12.03	28	15.50	29	17.35	29	18.30	American	Ore Steamship Corporation	550.3	72.2	32.0	Cruz Grande	New York	Iron ore	20,000	15,476	11,102
Nevadan	29	1.00	29	7.58	29	17.47	29	17.47	American	United American Lines	377.0	58.0	25.5	Valparaiso	New York	General	7,000	5,670	3,627
Eudunda	29	7.00	29	8.39	29	18.40	29	18.40	British	Australian Government	330.3	47.9	15.0	Sydney	Boston	General	1,882	4,400	2,966
J. N. Pew	29	10.25	29	11.38	29	19.44	29	19.45	American	Sun Oil Co	480.5	66.0	29.0	San Pedro	Philadelphia	Oil	13,290	9,494	6,612
Rappahannock			29	13.19	30	11.18	2	12.15	American	U. S. Navy	471.2	59.2	15.4	Balboa	Cristobal				
Majove	29	17.03	30	6.50	30	15.27	30	15.27	American	General Petroleum Corporation	435.0	52.2	26.0	San Pedro	New Orleans	Gasoline	9,200	7,434	5,066
Langley			30	7.52	30	16.55	2	6.30	American	U. S. Navy	520.2	65.2	19.3	Balboa	Guantanamo				
Aconcagua	30	6.00	30	8.44	30	19.02	31	1.30	Chilean	South American Line	422.8	56.2	27.0	Valparaiso	New York	General	5,440	7,758	4,705
Conus	30	3.00	30	12.13	30	20.45	30	20.45	British	Anglo-Saxon Petroleum Co	400.0	52.3	27.0	San Pedro	Gibraltar [3]	Oil	7,574	6,047	4,137
Julia Luckenbach	30	12.00	30	13.42	30	23.25	30	20.45	American	Luckenbach Line	436.0	57.0	28.0	Portland	Boston	General	7,076	8,543	6,402
Delft	30	8.20	30	14.44	30	23.22	31	12.27	Dutch	Royal Netherlands W. I. Mail	369.0	50.0	25.0	Talcahuano	Hamburg	General	6,674	5,862	4,393
Willsolo	30	12.00	30	15.05	30	23.18	30	23.22	American	Williams Steamship Co	434.3	57.7	25.0	Portland	Baltimore	General, lumber	7,740	7,983	5,882
Livingston Roe	30	16.45	31	6.56	31	14.38	31	14.38	American	Standard Oil Co	462.0	60.0	27.10	Los Angeles	New York	Oil	11,974	8,491	6,065
Tuscaloosa City	30	21.45	31	8.01	31	15.00	31	15.00	American	U. S. Steel Products Co	424.2	56.2	23.0	Portland	Baltimore	General	6,383	7,611	5,450
Houma	31	3.00	31	8.44	31	16.45	31	16.45	American	McAllister Brothers	434.8	56.2	26.6	San Pedro	New York	Oil	9,000	7,425	5,161
Minnesotan	30	23.00	31	11.32	31	17.50	31	17.50	American	United American Lines	407.7	53.7	25.0	Everett	Boston	General	6,400	7,150	4,913
Amsterdam	31	10.50	31	12.43	31	22.05	1	10.30	Dutch	Royal Netherlands W. I. Mail	475.0	65.6	26.0	Iquique	Rotterdam	Nitrate of soda	14,000	11,647	8,217
Benjamin Brewster	31	13.00	31	14.03	31	22.18	31	22.18	American	Standard Oil Co	411.6	53.2	26.0	Talara	Habana	Crude oil	5,700	6,177	4,244

[3] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
March 25	Santa Marta	United Fruit Co	New Orleans via Habana.
March 25	Bushnell	U. S. Navy	High seas.
March 26	Perou	French Line	Havre via wayports.
March 26	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
March 26	Stuyvesant	Royal Netherlands W. I. Mail	Amsterdam.
March 28	San Bruno	United Fruit Co	Boston via wayports.

*DEPARTURES.

Date.	Vessel.	Line.	For—
March 25	Santa Marta	United Fruit Co	Port Limon via Bocas del Toro.
March 27	Bushnell	U. S. Navy	Guantanamo.
March 27	Stuyvesant	Royal Netherlands W. I. Mail	Port Limon.
March 28	San Bruno	United Fruit Co	Boston via Port Limon.
March 29	Tivives	United Fruit Co	Colombian ports.

*Other than ships passing through the Canal.

(Continued on page 444, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, April 7, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Fugi Maru	31	17.34	1	6.25	1	13.55	1	15.05	Japanese	Kokusai Kisen Kaisha	405.0	53.0	25.0	Galveston	Yokohama	General	5,326	7,025	5,055
Mundelta	31	17.53	1	7.25	1	15.50	1	21.11	American	Munson Line	378.0	53.2	25.0	Baltimore	Seattle	General	6,820	5,668	4,297
Matinicock	31	17.58	1	8.00	1	16.38	1	18.30	American	Standard Oil Co	460.0	60.0	17.0	New York	Los Angeles	Ballast		8,171	5,882
Cecil County	30	17.45	1	9.03	1	17.16	1	18.30	American	Walker & Daly (S. B.)	431.0	59.0	21.10	Pensacola	Los Angeles	Ballast		8,097	5,261
El Grillo	31	20.12	1	9.35	1	18.00	2	1.50	British	Lobitos Oil Co	440.0	57.0	20.0	Barrow	Los Angeles	Ballast		7,468	5,042
Swiftlight	1	6.20	1	9.58	1	18.41	2	5.34	American	Swiftsure Oil Transport. Co	464.0	60.2	20.0	New York	Los Angeles	Ballast		8,473	6,050
Delaware Sun	1	14.55	2	6.30	2	18.35	3	0.22	American	Sun Oil Co	480.5	66.0	22.0	Philadelphia	Los Angeles	Ballast		9,402	6,586
Halway	1	15.20	2	7.15	2	19.35	2	20.41	American	Walker & Daly (S. B.)	435.0	56.0	19.0	Mobile	Los Angeles	Ballast		7,643	5,319
H. H. Rogers	1	22.45	2	8.42	2	20.40	2	21.49	American	Standard Oil Co	500.0	68.0	19.0	New York	Los Angeles	Ballast		10,308	7,668
Agwismith	2	6.07	2	9.20	2	21.35	3	2.53	American	Atl. Gulf & W. I. S. S. Co	499.9	68.1	20.0	New York	Los Angeles	Ballast		10,600	7,710
Urubamba	1	8.40	2	10.15	2	22.18	2	23.25	Peruvian	Peruvian Line	381.0	46.0	19.9	Cartagena	Callao	General, cattle	356	4,803	2,951
Ebro	1	17.27	2	12.38	2	23.37	3	0.41	British	Pacific Steam Navigation Co	450.0	57.0	25.3	New York	Valparaiso	General	2,387	9,151	6,227
Wilhelm [1]			2		2	11.21			American	U. S. Army				Cristobal	Gatun Lake				
William Campion	2	18.48	3	6.30	3	13.59	3	18.18	American	Garland Steamship Co	384.4	51.2	23.0	New York	Seattle	General	3,987	6,327	4,433
Lillian Luckenbach	3	1.00	3	8.13	3	15.07	3	16.12	American	Luckenbach Line	448.9	60.0	25.0	New York	Los Angeles	General	5,000	9,294	6,865
Tremere	3	8.45	3	9.00	3	17.29	3	18.28	British	Hain Steamship Co	475.0	60.9	26.0	New York	Auckland	General	6,572	8,946	6,145
Cuba	3-26	22.50	3	9.55	3	18.10	3	21.40	American	Pacific Mail Steamship Co	307.8	42.3	19.5	Cristobal	San Francisco	General	1,700	3,429	2,206
F. H. Hillman	3	4.10	3	13.00	4	16.22	4	17.40	American	Standard Oil Co	500.0	68.2	21.10	London	San Francisco	Ballast		11,225	7,913
Clemons [1]			3		3	12.04			American	American Banana Corporation				Cristobal	Gatun Lake	Ballast		2	2
A.B.C. No. 1 [2]			3		3	12.04			American	American Banana Corporation				Cristobal	Gatun Lake	Ballast		12	12
A.B.C. No. 2 [2]			3		3	12.04			American	American Banana Corporation				Cristobal	Gatun Lake	Ballast		5	5
A.B.C. No. 3 [2]			3		3	12.04			American	American Banana Corporation				Cristobal	Gatun Lake	Ballast		5	5
Rio Gatun [1]	3		4		4	13.20			Panaman	A. R. Eckhardt	31.4	8.0		Cristobal	Gatun Lake	Liquor		8	8
Tuxpanoil	3	16.10	4	6.17	4	14.35	4	15.35	American	McAllister Brothers (S. B.)	431.0	59.2	20.0	Mobile	Los Angeles	Ballast		7,862	4,979
Hahatonka	3	17.47	4	7.27	4	15.20	4	16.20	American	McAllister Brothers (S. B.)	435.6	56.2	19.0	Pensacola	Los Angeles	Ballast		7,426	5,094
Steel Exporter	3	21.25	4	8.35	4	17.58	4	22.18	American	U. S. Steel Products Co	424.2	56.2	27.7	New York	Seattle	General	8,523	7,611	5,450
Cauca	2	22.15	4	10.00	4	18.18	4	19.35	British	Pacific Steam Navigation Co	246.0	35.0	14.7	Cristobal	Acajutla	Ballast		1,589	1,618
Ansaldo San Giorgio I	3	22.43	4	11.25	4	19.20	5	0.21	Italian	Societa Nazional de Navigazione	385.0	49.0	16.0	Genoa	Valparaiso	General	1,176	5,657	3,974
Honduras	4	13.22	5	6.15	5	15.35	5	16.53	French	French Line	387.1	51.4	17.1	Antwerp	Valparaiso	General	267	6,020	4,363
R-21 [3]			5	6.20	5	13.47			American	U. S. Navy	175.0	16.7¾		Cristobal	Balboa				
R-23 [3]			5	6.20	5	13.47			American	U. S. Navy	175.0	16.7¾		Cristobal	Balboa				
Willhilo	5	5.05	5	7.20	5	22.12	6	1.35	American	Williams Steamship Line	450.0	57.6	27.6	Philadelphia	Los Angeles	Iron, steel, gen	9,500	7,983	5,882
Hazel Branch	4	19.40	5	8.40	5	23.00	5	23.58	British	F. and W. Ritson	400.0	51.0	20.0	Liverpool	Coronel	General	4,008	5,208	3,578
Steel Inventor	5	8.30	5	9.55	5	23.49	6	3.20	American	U. S. Steel Products Co	425.0	56.0	25.10	Baltimore	San Diego	Steel products	8,722	7,611	5,450
Agwipond	5	9.29	5	10.35	6	0.43	6	4.30	American	Atl. Gulf & W. I. S. S. Co	468.3	62.7	18.0	Fall River	Los Angeles	Ballast		9,810	6,871

[1] Launch. [2] Barge. [3] Submarine.

M. S. Dollar	6	8.47	6	9.00	6	17.16	7	16.05	British	Dollar Line	475.5	61.0	28.0	New York	Shanghai	General	9,411	10,116	7,680
Monadnock	5	23.25	6	10.00	6	18.00	6	19.30	British	Andrew Weir & Co	373.5	51.3	25.2	Norfolk	Manila	General	5,000	5,692	4,329
Rio Gatun [1]	5	.....	6	.....	6	12.04	...	.....	Panaman	A. R. Eckhardt	31.4	8.0	.....	Cristobal	Gatun	Liquor	.....	8	8
Eclipse	6	14.45	7	6.24	7	20.43	7	22.11	American	Barber Line (S. B.)	440.0	56.0	24.9	New York	Yokohama	General	6,397	8,293	6,080
Fred W. Weller	6	16.25	7	7.25	7	21.44	8	6.17	American	Standard Oil Co	500.0	68.0	29.0	New York	Los Angeles	Ballast	.....	10,928	7,710
Manavi	2	22.22	7	8.05	7	17.25	7	22.11	British	Pacific Steam Navigation Co	216.0	35.0	14.4	Cristobal	Guayaquil	General	716	1,357	884
Swiftstar	6	17.27	7	8.40	7	22.30	8	11.30	American	Swiftsure Oil Transport. Co	464.0	60.0	24.0	Boston	Los Angeles	Ballast	.....	8,473	6,050
Frank G. Drum	7	4.10	7	10.00	7	23.20	8	3.46	American	Associated Oil Co	435.0	56.2	20.0	Fall River	Los Angeles	Ballast	.....	7,525	5,125
Laura C. Hall [4]	6	20.20	7	10.10	7	18.11	8	11.05	British	Pacific Metals Corporation	81.0	25.6	9.0	Cristobal	Buenaventura	General	65	132	72

[4] Motor schooner.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Kanawha	...	.....	1	7.11	1	13.45	2	18.00	American	U. S. Navy	455.0	56.0	19.0	Balboa	Guantanamo	.....	.....	.....	.....
San Gaspar	31	19.00	1	8.09	1	16.07	1	16.07	British	Anglo-Mexican Petroleum Co	530.2	68.5	30.9	San Pedro	Tampico	Oil	16,717	13,422	9,368
Marie Maersk	1	5.20	1	8.52	1	17.05	1	17.40	Danish	A. P. Mollar	351.8	49.9	26.4	Taltal	Wilmington	Nitrate	7,225	4,971	3,428
Orient	1	8.45	1	10.00	1	17.12	1	19.05	American	Oriental Navigation Co	390.0	52.0	21.8	Victoria	Boston	Lumber	5,500	5,455	3,879
Athenic	1	11.05	1	12.42	1	20.15	2	11.25	British	Shaw, Saville, & Albion	500.0	63.0	27.0	Lyttleton	London	Cold storage	5,346	12,896	9,571
Swift Eagle	1	15.30	2	6.58	2	14.28	2	14.28	American	C. D. Mallory & Co	465.0	60.0	28.0	San Pedro	Fall River	Oil	11,000	8,473	5,997
Acajutla	1	16.00	2	7.03	2	15.35	...	.....	British	Pacific Steam Navigation Co	215.7	33.5	16.6	Champerico	Cristobal	General	1,084	1,273	706
Romsdalshorn	1	20.00	2	8.03	2	16.12	2	16.53	Norwegian	Wessel, Duval & Co	420.0	53.9	28.5	Tocopilla	Norfolk	Nitrate	10,280	6,592	4,733
Oak Branch	1	21.30	2	8.56	2	17.00	2	23.35	British	F. and W. Ritson	398.0	49.9	23.3	Paita	Liverpool	General	6,231	5,209	4,035
Eagle	1	12.00	2	9.49	2	17.13	2	17.13	American	Crowell & Thurlow	410.0	56.0	26.3	Seattle	Baltimore	General, lumber	7,275	8,243	6,266
Santa Luisa	2	7.00	2	10.49	2	17.45	2	21.14	American	Grace Line	360.2	51.6	23.6	Talcahuano	New York	General	4,049	5,694	3,975
Arcturus	2	8.00	2	11.27	2	19.47	2	19.47	German	Roland Line	369.0	51.0	23.6	Corral	Bremen	General	6,057	4,899	3,704
Jason	...	.....	2	12.54	2	20.48	2	20.48	American	U. S. Navy	514.0	65.0	23.7	Balboa	Norfolk	Ballast	.....	.....	.....
Manavi	2	9.00	2	13.40	2	22.15	7	8.05	British	Pacific Steam Navigation Co	216.0	35.1	12.10	Guayaquil	Cristobal	General	408	1,357	884
Cauca	2	10.05	2	13.44	2	22.20	4	10.00	British	Pacific Steam Navigation Co	246.0	35.0	16.10	Corinto	Cristobal	General	1,129	1,589	1,018
Garfield	2	5.00	2	14.14	2	23.00	3	10.35	American	Grace Line	300.0	45.0	16.0	Guayaquil	New York	General	784	3,256	2,010
John D. Archbold	2	14.10	2	14.43	3	14.25	3	14.25	American	Standard Oil Co. of N. J	554.9	75.3	31.0	San Pedro	New York	Oil	20,000	14,785	10,313
West Greylock	2	22.30	3	7.40	3	15.10	3	15.10	American	Seas Shipping Co	430.7	54.3	15.7	San Francisco	New York	Ballast	.....	7,946	5,698
San Felix	3	6.30	3	8.50	3	17.27	3	17.27	British	Eagle Oil Transportation Co	536.4	69.4	30.4	San Pedro	Tampico	Oil	17,000	.....	.....
Sciota	...	.....	3	8.59	3	17.08	...	.....	American	U. S. Navy	149.3	30.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Swiftscout	3	2.00	3	12.12	3	19.45	4	2.20	American	C. D. Mallory & Co	464.0	60.2	26.0	Los Angeles	Fall River	Oil	12,000	8,473	6,104
W. S. Rheem	3	13.45	3	14.24	3	22.20	3	22.20	American	Standard Oil Co. of California	500.0	68.2	30.0	San Diego	New York	Oil	14,990	11,224	7,860
Piako	3	21.00	4	7.56	4	15.30	4	17.50	British	New Zealand Shipping Co	450.0	58.0	23.0	Auckland	Avonmouth	General	5,652	8,459	6,060
Rosandra	4	6.45	4	8.53	4	16.42	4	18.20	Italian	Navigasione Libera Triestina	465.0	57.0	27.3	Antofagasta	Wilmington	Nitrate	9,300	8,028	5,359
Annapolis	...	.....	4	9.51	4	18.05	5	15.38	American	U. S. Navy	203.0	40.0	13.8	Balboa	Cristobal	.....	.....	.....	.....
Dochra	4	10.15	4	12.01	4	20.20	4	21.00	American	Munson Line	370.0	51.0	22.0	Aberdeen	New York	Lumber	5,400	5,158	3,813
Jadden	4	9.15	5	6.56	5	14.40	5	17.40	American	Tampa Interocean S. S. Co	410.5	54.2	26.0	Shanghai	New York	General	8,273	7,496	5,686
Sabine Sun	4	16.37	5	7.52	5	15.43	5	15.43	American	Sun Oil Co	429.3	59.2	27.0	Los Angeles	Chester, Pa	Oil	10,500	7,621	5,182
Paul Shoup	4	.....	5	8.40	5	16.50	5	16.50	American	Associated Oil Co	424.4	58.2	27.0	San Pedro	Fall River	Oil	10,205	7,333	5,119
Ansaldo San Giorgio No. 3	4	15.00	5	9.47	5	17.35	5	19.58	Italian	Societa Nazionale di Navigazione	385.7	51.7	24.0	Valparaiso	Genoa	General	6,700	5,759	4,013
John D. Rockefeller	5	6.00	5	10.44	5	18.40	5	18.40	American	Standard Oil Co	458.3	60.0	25.9	San Pedro	New York	Oil	10,800	8,653	6,362
Ganymedes	5	9.15	5	11.39	5	20.00	7	10.55	Dutch	Royal Amsterdam Co	340.0	48.0	19.0	Iquique	Amsterdam	Nitrate, general	3,192	4,214	3,123
Peter Kerr	5	11.45	5	13.57	5	21.18	5	21.18	American	Colombia-Pacific Shipping Co	415.0	55.7	25.0	Portland	Boston	Lumber	6,400	7,704	5,707

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
David McKelvey	5	13.00	5	14.20	5	22.45	6	3.20	American	Tidewater Oil Co	430.0	59.2	27.0	Los Angeles	New York	Oil	11,000	7,629	5,393
Fairfield City	5	9.30	5	14.44	5	23.23	5	23.23	American	U. S. Steel Products Co	424.2	56.2	15.6	Honolulu	Hampton R'ds	Ballast	.....	7,611	5,450
Ida [5]	.....	.....	5	.....	5	.....	.....	.....	American	J. A. Blair	.....	.....	.....	Balboa	Cristobal	Ballast	.....	.....	.....
Bethelridge	5	9.00	5	15.42	6	0.23	6	0.23	American	Walker & Daly	431.0	59.2	25.5	San Pedro	New York	Oil	8,318	7,819	5,007
Chuky	5	13.59	5	15.50	6	0.32	6	3.15	British	Chile Steamship Co	440.8	56.0	16.0	Tocopilla	Tampico	Ballast	.....	7,691	4,723
Ecuador	5	4.45	6	7.10	6	14.10	7	12.00	American	Pacific Mail Steamship Co	380.6	48.7	24.0	San Francisco	New York	General	2,500	5,926	4,178
Darien	5	7.00	6	6.56	6	14.06	.....	.....	Panaman	A. B. Obarrio & Co	92.0	26.0	7.0	Buenaventura	Cristobal	Oil drums, coffee	68	169	50
Sudbury	5	19.24	6	8.02	6	15.20	6	15.20	American	American-Hawaiian Line	384.0	51.2	23.6	Astoria	New Orleans	General	6,680	5,571	4,033
Spreewald	5	19.30	6	8.52	6	16.36	6	19.10	German	Hamburg-Amerika Line	399.0	54.0	28.0	Valparaiso	Hamburg	Nitrate	8,270	6,791	4,997
Balboa	6	2.00	6	9.52	6	16.45	8	9.55	Colombian	Compania Costancia Colombiana	190.0	29.0	14.5	Tumaco	Cristobal	General	519	737	335
Modica	6	0.05	6	10.35	6	18.06	6	18.06	Norwegian	Iver Christensen	371.0	52.1	24.5	Mejillones	Wilmington	Nitrate	7,100	5,007	3,539
Egypt Maru	6	10.20	6	11.08	6	19.10	7	2.30	Japan	Kokusai Kisen Kaisha	400.0	53.7	27.0	Vancouver	New York	Lumber	7,200	7,018	5,107
Laura C. Hall	2-28	6.00	6	12.40	6	20.20	7	10.10	British	Pacific Metals Corporation	81.0	25.6	8.1	Buenaventura	Cristobal	Coffee, gold	49	132	72
Robin Adair	6	12.29	6	14.23	6	21.25	6	21.25	American	Seas Shipping Co	424.8	55.2	24.0	Seattle	New York	General, lumber	6,509	7,470	5,529
Agwilake	6	13.09	7	6.58	7	15.10	7	15.10	American	Ward Line	468.3	62.7	27.6	Los Angeles	Boston	Oil	12,500	7,802	7,138
Willfaro	6	19.15	7	7.52	7	15.38	7	15.38	American	Williams Steamship Co	386.8	52.2	24.0	San Francisco	New York	Lumber, general	5,697	5,684	4,113
Essequibo	6	22.10	7	8.48	7	16.24	7	21.10	British	Royal Mail Steam Packet Co	450.3	57.8	25.0	Valparaiso	New York	General	4,159	9,099	6,117
Lena Luckenbach	6	21.27	7	8.50	7	16.39	7	16.39	American	Luckenbach Line	425.0	53.8	19.2	Portland	Mobile	General	2,000	7,216	5,296
Herakles	7	8.00	7	9.47	7	18.15	7	18.15	Norwegian	Dupont	389.2	54.1	25.0	Iquique	Charleston	Nitrate	8,150	5,680	4,220
Zenon	7	9.00	7	10.17	7	19.40	8	2.48	French	French Line	425.0	55.0	25.0	San Francisco	Hull	General	7,403	6,982	4,934
Durango	6	23.37	7	10.48	7	19.50	7	19.50	American	McAllister Brothers	435.0	56.0	25.8	San Pedro	Fall River	Crude oil	9,300	7,642	5.274
F. Q. Barstow	7	1.10	7	12.15	7	21.30	7	21.30	American	Standard Oil Co	500.0	68.2	30.0	San Pedro	Baltimore	Crude oil	14,713	10,526	7,711
Tilthorn	7	11.00	7	13.17	7	22.40	7	22.40	Norwegian	Wessel, Duval & Co	420.2	53.9	28.7	Iquique	Charleston	Nitrate	10,200	6,591	4,730
Huallaga	5	18.43	7	13.50	7	23.55	.....	.....	Peruvian	Peruvian Line	360.0	44.7	20.0	Iloilo	Cristobal	General	1,330	4,514	2,386
Canadian Pioneer	7	13.15	7	14.24	8	0.18	8	6.30	British	Canadian Government	400.4	52.4	18.6	Auckland	Halifax	General	3,700	5,877	4,070

[5] Launch.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
April 1	Panama	Panama Railroad Steamship Line	New York via Haiti.
April 1	Abangarez	United Fruit Co	New Orleans via Habana.
April 1	Gamble [6]	Fife Steamship Co	Mayaquez, P. R.

*DEPARTURES.

Date.	Vessel.	Line.	For—
April 2	St. Mihiel [7]	U. S. Army	New York via wayports.
April 2	Abangarez	United Fruit Co	Bocas del Toro.
April 3	Speaker	Harrison Line	Demerara.

[6] Schooner. [7] Transport.

*Other than ships passing through the Canal.

(Continued on page 456, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, April 14, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Merope	7	17.37	8	6.25	8	15.38	8	20.55	French	Comp. Auxiliare de Nav	424.6	56.6	18.0	Marseilles	San Francisco	Ballast		7,080	4,909
Patuxent [1]			8	6.30	8	16.33			American	U. S. Navy	156.0	29.0		Cristobal	Balboa				
Agwiworld	7	21.40	8	7.30	8	16.31	8	22.30	American	Atl. Gulf & W. I. S. S. Co	429.3	59.2	19.6	Boston	Los Angeles	Ballast		7,552	5,398
Commercial Trader	8	4.50	8	8.03	8	17.41	8	19.00	American	Moore & McCormack, Inc	399.0	51.0	25.6	New York	Seattle	General, coal	6,430	6,190	4,455
Chas. H. Cramp	8	5.42	8	8.45	8	18.40	9	1.55	American	Argonaut Steamship Co	404.0	53.9	28.6	Baltimore	San Francisco	Steel products	8,427	6,755	4,750
Tottori Maru	8	6.30	8	9.12	8	19.32	8	20.35	Japanese	Nippon Yusen Kaisha	422.0	55.0	25.0	New York	Japan	General	8,833	6,444	4,667
Balboa	6	16.45	8	9.55	8	19.57	8	20.55	Colombia	Cia Costancia del Colombiana	190.0	29.1	10.6	Cristobal	Buenaventura	General	38	737	335
Swiftarrow	8	7.53	8	10.23	8	21.10	9	3.00	American	Swiftsure Oil Transport. Co	465.0	60.0	21.0	Philadelphia	Los Angeles	Ballast		8,473	6,050
Hanover	8	9.20	8	11.10	8	22.03	8	23.20	American	Tampa Interocean Co. (S. B.)	434.0	57.0	27.6	Galveston	Yokohama	General	7,594	7,982	5,911
Canoe			8		8				American	Lieut. M. C. Miller				Cristobal	Balboa	Ballast		1	1
Roman Prince	8	12.00	9	6.15	9	14.18	9	15.30	British	Prince Line	420.0	54.0	26.5	New York	Hakodate	General	7,770	6,719	5,110
San Florentino	8	16.35	9	7.33	9	19.51	9	21.16	British	Eagle Oil Transportation Co	530.4	68.0	30.6	Tampico	Valparaiso	Fuel oil	15,929	13,067	9,124
Gerfrid	8	20.12	9	8.00	9	18.31	9	19.48	German	Roland Line	410.0	48.0	19.0	Antwerp	Corral	General	2,450	5,105	3,601
Wabash	8	11.07	9	8.30	9	21.15	9	22.30	American	Nawsco Line	381.0	49.9	26.0	Portland	Los Angeles	General	4,324½	5,825	4,152
Frederic Ewing	8	22.05	9	9.10	9	21.54	9	23.00	American	Pan-American Petroleum Co	435.0	56.0	21.0	Boston	Los Angeles	Ballast		7,465	5,176
W. C. Teagle	9	0.05	9	10.04	10	0.40	14	0.30	American	Standard Oil Co	499.1	68.2½	16.6	Baltimore	Los Angeles	Ballast		10,991	7,908
Nordfarer	9	9.00	9	10.30	10	1.40	10	3.00	Danish	Peter Brown	364.0	47.0	22.0	New York	Antofagasta	General, coke	3,388	4,289	3,106
Alm	8	17.05	9	10.35	10	2.02	10	3.10	Norwegian	T. Laddings	260.2	36.9	12.0	Norfolk	Guayaquil	Ballast		1,675	1,183
City of Pittsburg	9	6.45	9	12.05	9	22.58	10	0.05	British	Ellerman Lines	465.7	58.6	26.0	New York	Yokohama	General, steel	8,698	9,660	7,415
Wasgenwald	9	12.30	9	12.45	9	23.58	10	1.32	German	Hamburg-American Line	399.7	54.0	22.0	Hamburg	Guayaquil	General	3,437	6,536	4,516
S. M. Spalding	9	19.20	10	6.25	10	14.11	10	15.10	American	Pan-American Petroleum Co	435.0	56.0	19.6	New York	Los Angeles	Ballast		7,331	5,080
Margaret Coughlan	9	20.20	10	7.33	10	15.40	10	19.39	British	Canadian Western S. S. Co	411.5	54.1	23.6	New York	Vancouver	Sugar	7,563½	6,624	4,999
Geo. H. Jones	9	23.50	10	8.05	10	16.23	10	17.28	American	Standard Oil Co	429.3	59.2	21.0	Baton Rouge	Los Angeles	Ballast		7,689	5,286
Tamaha	10	5.20	10	8.40	10	18.00	10	20.15	British	Standard Transportation Co	420.5	54.4	28.0	Tampico	Tocopilla	Crude oil	8,450	6,673	4,689
J. W. VanDyke	10	6.55	10	9.25	10	18.40	10	19.52	American	Atlantic Refining Co	435.0	56.0	20.0	Philadelphia	Los Angeles	Ballast		7,460	5,215
Shreveport	10	9.35	10	10.05	10	19.35	10	20.37	American	Walker & Daly (S .B.)	435.0	56.0	21.0	Mobile	Los Angeles	Ballast		7,411	5,103
S. V. Harkness	10	6.45	10	11.48	10	20.31	10	21.39	American	Standard Oil Co	419.0	57.2	16.0	Guantanamo	Los Angeles	Ballast		7,220	4,913
Venezuela	9	23.55	10	12.17	10	21.10	11	23.10	American	Pacific Mail Steamship Co	395.0	48.6	24.5	New York	San Francisco	General	2,600	6,033	4,353
Gen. G. W. Getty [2]	9		10	6.45					American	U. S. Army				Cristobal	Pedro Miguel				
Ares	10	0.40	11	6.08	11	13.52	11	20.50	Dutch	Royal Netherlands W. I. Mail	340.0	48.0	17.10	Antwerp	Guayaquil	General	2,714	4,385	3,195
Trevithick	11	6.37	11	7.20	11	15.32	11	17.05	British	Hain Steamship Co	469.0	58.1½	22.0	Newport News	Brisbane	General	5,501	8,772	6,461
Canadian Ranger	11	6.48	11	8.03	11	17.53	11	19.24	British	Canadian Govt. Mer. Marine	400.0	52.5	19.0	New London	Auckland	General	4,000	5,879	4,121

[1] Tug.

[2] Mine planter.

Frederic R. Kellogg	11	6.55	11	8.52	11	18.26	11	19.19	American	Pan-American Petroleum Co.	425.8	57.0	20.5	Galveston	Los Angeles	Ballast		7,178	4,963
Camden	11	7.18	11	9.12	11	19.13	11	19.59	American	United Fruit Co.	419.5	56.5	19.6	Bocas del Toro	Los Angeles	Ballast		6,977	4,959
Mineola	11	3.47	11	10.03	11	19.58	12	16.00	American	Grace Line	298.6	40.0	17.8	New York	Pto. Chicama	General	2,069	2,835	1,805
Eurydamas	11	7.06	11	11.35	11	20.52	11	21.50	British	Alfred Holt & Co.	409.3	49.0	25.0	Glasgow	Seattle	General	6,430	5,718	4,189
Bjornstjerne Bjornson	11	12.17	11	12.25	11	21.40	11	22.40	Norwegian	Olaf Orvig	410.0	54.0	16.0	Newport News	Tocopilla	Ballast		6,304	4,752
Ramapo [3]	10	9.08	12	6.18	12	14.18	16	17.05	American	U. S. Navy	476.0	60.0	21.0	Port Arthur	Balboa	Ballast			
Melville Dollar	11	17.49	12	7.25	12	15.58	12	19.30	American	Dollar Line	429.0	55.0	27.0	Baltimore	Los Angeles	General	8,100	7,581	5,519
Santa Elisa	11	19.00	12	7.50	12	17.17	12	18.29	American	Grace Line	360.3	51.7	23.0	New York	Talcahuano	General	2,632	5,957	4,325
Bradford City	11	22.10	12	8.47	12	19.24	12	20.40	British	St. Just Steamship Co.	400.0	52.3½	26.6	Pensacola	Auckland	Case oil, general	7,173	5,805	4,077
Yorba Linda	12	2.40	12	9.30	12	20.04	12	20.58	American	General Petroleum Co.	435.0	56.2	21.0	Boston	Los Angeles	Ballast		7,424	5,077
K. I. Luckenbach	12	0.35	12	10.10	12	21.19	13	3.00	American	Luckenbach Line	446.0	56.0	30.0	New Orleans	Los Angeles	General	9,000	8,552	6,236
Easterner	12	2.00	12	10.30	12	22.06	12	23.24	American	U. S. & A. Line (S. B.)	385.0	51.0	23.10	New York	Adelaide	General	4,200	5,945	4,561
Calcutta Maru	12	5.56	12	11.00	12	22.47	12	23.57	Japanese	Nippon Yusen Kaisha	400.0	54.0	24.3	New York	Takao	General	6,282	5,790	4,183
Rotorua	12	7.00	12	11.50	12	23.48	13	20.02	British	New Zealand Shipping Co.	526.0	61.4	25.6	London	Wellington	General	7,922	12,846	9,439
Imperial	8	16.06	12	12.22	13	0.18	13	1.25	Chilean	Chilean Line	336.8	41.2	23.7	Cristobal	Valparaiso	General	886	3,296	2,156
President Hayes	11	23.10	13	6.13	13	15.16	14	1.40	American	Swayne & Hoyt (S. B.)	502.1	62.2	31.5	Buenos Aires	San Francisco	([4])	6,700	12,023	8,443
W. W. Mills	12	20.55	13	7.13	13	16.00	13	21.25	American	Pine Oil Co.	424.0	58.0	19.6	Philadelphia	Los Angeles	Ballast		7,333	5,119
Mojave	12	21.05	13	8.05	13	17.04	13	18.08	American	General Petroleum Co.	435.0	56.2	21.0	St. Rose	Los Angeles	Ballast		7,434	5,066
Montrose	12	21.25	13	8.55	13	18.00	13	19.05	British	Trinder Anderson	365.0	48.0	22.9	New Orleans	Auckland	General	3,700	4,680	3,441
Norden	12	4.50	13	9.07	13	18.43	13	19.45	Danish	Peter Brown, Jr.	318.0	47.3	17.2	New Orleans	Talcahuano	General	2,240	3,357	2,562
A. C. Bedford	12	23.07	13	9.30	13	19.31	13	20.47	American	Standard Oil Co.	500.0	68.0	19.0	New York	Los Angeles	Ballast		10,896	7,615
Parana	12	14.19	13	10.00	13	20.31	13	21.50	Danish	Orient Steamship Co.	397.0	57.0	27.0	Antwerp	Los Angeles	General	8,351	7,088	5,219
Solana	11	20.30	13	10.25	13	21.16	14	4.30	American	Pacific Mail Steamship Co.	435.0	56.6	17.0	Tampico	Los Angeles	Ballast		7,060	5,025
Middlesex	13	8.12	13	12.00	13	22.44	14	10.12	British	Federal Steam Navigation Co.	459.4	62.8	28.0	Liverpool	Auckland	General	9,347	10,600	7,613
James McGee	13	14.25	14	6.25	14	13.36	14	14.51	American	Standard Oil Co.	499.1	68.2	19.0	New York	Los Angeles	Ballast		10,964	7,909
A. L. Kent	13	19.12	14	7.02	14	15.24	14	18.19	American	Crowell & Thurlow	394.0	55.1	24.6	Baltimore	Los Angeles	General	7,746	7,047	5,030
Acajutla	2	15.35	14	8.55	14	16.30	14	18.12	British	Pacific Steam Navigation Co.	215.0	33.5	16.0	Cristobal	Champerico	General	841	1,273	706
Newport	9	23.35	14	8.45	14	16.43	15	2.00	American	Pacific Mail Steamship Co.	326.0	38.2	17.5	Cristobal	San Francisco	General		3,173	2,163
American Star	14	5.53	14	9.51	14	18.43	15	13.28	American	American Star Line	386.8	52.2	19.6	New York	San Francisco	General	4,848	5,699	4,148
Santa Clara	14	6.10	14	10.20	14	20.48	15	1.15	American	Atlantic & Pacific Steamship Co.	404.6	53.9	23.2	Baltimore	Los Angeles	General	5,766	6,760	4,450
Orita	14	5.31	14	12.17	14	21.20	15	0.19	British	Pacific Steam Navigation Co.	502.0	58.2	23.8	Liverpool	Valparaiso	General	2,934	9,936	6,561

[3] Tanker.

[4] Cold storage, linseed, hides, coffee, and fertilizer.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Pennsylvania Sun	7	14.55	8	7.21	8	14.35	8	14.35	American	Sun Oil Co.	480.5	66.0	26.9	Los Angeles	Philadelphia	Gasoline	12,372	9,325	6,303
Edgemoor	7	17.30	8	7.51	8	15.55	9	9.00	American	U. S. Army	409.6	54.2	14.2	Honolulu	New York	Army supplies	1½	7,486	5,852
Imperial	8	7.00	8	8.57	8	16.06	12	12.22	Chilean	Chilean Line	336.8	41.2	19.0	Valparaiso	Cristobal	General	134	3,296	2,156
Manchester Civilian	8	8.30	8	10.10	8	18.38	8	20.10	British	Ardmore Steamship Co.	385.0	52.0	23.8	Antofagasta	United States	Nitrate	7,312	5,302	3,772
Dinteldijk	8	10.30	8	10.08	8	19.10	8	20.00	Dutch	Holland-Amerika Line	485.0	62.0	29.0	Vancouver	Rotterdam	General	9,723	10,786	7,551
Almelo	8	7.32	8	12.51	8	21.27	9	15.40	Dutch	Royal West India Mail Co.	440.0	62.6	27.0	Valparaiso	Hamburg	General	9,705	9,403	6,653
Byron D. Benson	8	18.00	9	6.51	9	15.02	9	15.02	American	Tidewater Oil Co.	465.4	60.2	27.8	Los Angeles	New York	Crude oil	10,000	8,546	6,095
Tsuyama Maru	9	7.25	9	7.40	9	16.05	9	18.20	Japanese	Nippon Yusen Kaisha	445.0	58.0	22.0	Yokohama	New York	General	7,963	7,651	5,425
Trontolite	9	1.00	9	8.30	9	19.50	9	22.40	British	Imperial Oil Co.	420.8	57.0	27.0	San Pedro	Halifax	Crude oil	9,952	7,240	4,713

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross	Net.
Montauk	9	2.00	9	8.51	9	19.49	9	19.49	American	Luckenbach Line	419.5	56.5	23.0	Portland	Boston	General, lumber	5,800	8,696	6,316
Standard	9	7.30	9	10.50	9	21.22	9	21.22	American	Standard Oil Co	524.0	69.0	30.0	San Pedro	New York	Crude oil in bulk	16,500	12,171	8,673
S. B. Hunt	9	8.00	9	11.48	9	22.30	9	22.30	American	Standard Oil Co. of N. J.	429.3	59.2	26.6	San Pedro	New York	Crude petroleum	10,500	7,652	5,448
Newport	9	14.00	9	14.50	9	23.35	14	8.45	American	Pacific Mail Steamship Co	326.0	38.2	17.8	San Francisco	Cristobal	General	1,150	3,173	2,163
Hoven	9	10.30	9	14.58	10	0.25	10	0.25	American	Walker & Daly	434.8	56.2	26.0	San Pedro	New York	Fuel oil	9,661	7,426	5,144
Great City	9	22.00	10	7.39	10	15.40	10	16.44	British	W. R. Smith & Sons	420.0	57.0	26.0	Vancouver	H'mpton Rds [6]	Wheat	9,900	7,029	5,478
Jose	10	6.30	10	8.41	10	17.10	11	7.20	Peruvian	Luis Liano	343.0	45.0	22.6	Mejillones	Azores [6]	Nitrate	5,018	2,697	2,341
Samuel Q. Brown	10	2.00	10	9.51	10	17.36	10	17.36	American	Tidewater Oil Co	424.4	58.2	25.6	San Pedro	New York	Crude oil	10,000	7,333	5,246
Agwibay	10	2.30	10	12.49	10	21.57	10	21.57	American	New York & Cuban Mail	468.3	62.7	28.0	San Pedro	New York	Oil, crude oil	12,600	9,776	6,942
Pennyworth	10	17.30	11	6.51	11	14.27	11	14.27	British	R. S. Dagliesh, Ltd	410.2	53.5	26.0	Gatico	New York	Copper ore	7,875	6,179	4,387
Japan Arrow	11	0.45	11	8.06	11	15.55	11	15.55	American	Standard Transportation Co	468.3	62.7	26.8	San Pedro	New York	Crude oil	12,430	10,084	7,485
J. C. Donnell	11	8.20	11	9.08	11	16.42	11	16.42	American	Atlantic Petroleum Co	500.0	68.2	28.0	San Pedro	Philadelphia	Crude oil	15,664	10,435	7,900
Walter Jennings	11	10.25	11	11.25	11	20.45	11	20.45	American	Standard Oil Co	499.2	68.1	31.0	San Pedro	Charleston	Crude oil	16,100	11,037	7,995
Santa Rosa	11	10.20	11	11.41	11	21.28	11	21.28	American	Pacific Mail Steamship Co	404.6	54.0	27.6	Port Angeles	New York	(7)	8,141	6,754	4,780
New Britain	11	17.35	12	6.44	12	15.15	12	15.15	American	Black Diamond Steamship Co	386.8	52.2	23.6	Gray's Harbor	New York	Lumber	5,400	5,684	4,082
Californian	12	0.30	12	7.52	12	16.25	12	16.25	American	American-Hawaiian Line	445.1	59.8	27.0	Seattle	Philadelphia	General	8,000	8,567	6,020
Wheaton	12	0.03	12	8.50	12	16.50	12	16.50	American	A. E. Mittnacht,	415.0	53.7	25.8	Vancouver	Baltimore	General [8]	3,466	7,060	4,904
Elmpark	12	3.00	12	9.33	12	19.25	12	21.45	British	Pacific Steam Navigation Co	409.0	53.5	26.6	Valparaiso	Hull	General	8,055	6,565	4,728
Juneau	11	20.40	12	10.57	12	19.55	12	23.20	American	Sullivan Steamship Co	244.0	43.2	18.0	Everett	New York	Lumber	2,790	2,544	1,927
Harry Luckenbach	12	11.20	12	12.36	12	21.49	12	21.49	American	Luckenbach Line	448.9	60.2	29.0	Portland	New York	General, lumber	7,800	9,262	6,853
Borgstad	12	4.00	12	13.58	12	22.58	12	22.58	Norwegian	Fearnley & Eger	385.1	52.0	26.0	Cruz Grande	Baltimore	Iron ore	7,500	5,843	4,288
Cape May	12	17.00	13	7.04	13	14.04	13	17.23	American	United States & Australian Line	415.0	53.7	21.0	Adelaide	New York	General	3,000	7,072	4,944
J. A. Moffett, Jr	12	20.00	13	8.25	13	16.50	13	16.50	American	Standard Oil Co	499.2	68.0	30.6	San Pedro	New York	Oil	15,000	11,037	7,995
Wm. Penn	13	2.10	13	8.40	13	17.10	13	17.10	American	Barber Line	439.6	60.2	27.0	Shanghai	New York	General [9]	9,624	9,019	6,226
Santa Teresa	13	5.00	13	9.52	13	18.03	13	21.17	American	Grace Line	360.2	51.6	22.8	Talcahuano	New York	General	4,182	5,726	4,086
Gargoyle	13	14.00	14	7.06	14	14.46	14	16.00	American	Vacuum Oil Co	425.0	57.2	27.0	San Francisco	Philadelphia	Lubricating oil	10,058	7,510	4,989
Cerro Azul	14	0.40	14	8.12	14	15.30	14	15.30	American	Pan-American Pet. & Transp. Co	480.5	66.0	28.6	San Pedro	New Orleans	Crude oil	13,257	9,398	6,453
Robin Gray	13	17.30	14	10.36	14	18.37	14	18.37	American	Seas Shipping Co	424.8	55.2	24.0	Seattle	Boston	Lumber, ore	7,750	7,472	5,542
Agwimex	14	11.15	14	15.20	14	22.46	14	22.46	American	Ward Line	480.5	66.0	28.0	San Pedro	Philadelphia	Crude oil	13,430	9,394	6,325
G. Harrison Smith [5]	13	21.30	14	15.48	14	20.15	....	.....	British	International Petroleum Co	550.3	72.2	33.0	Cruz Grande	Culebra Cut	Iron ore	20,600	15,476	11,102

[5] Tied up at Culebra Cut for repairs. [6] For orders. [7] Lumber, copper, and general. [8] 70 tons gas tugs on deck. [9] Sugar, hemp, copra, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, April 21, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Alvarado	14	16.45	15	6.15	15	17.58	16	0.15	American	Pacific Transport Co	245.0	41.5	17.0	Mobile	San Francisco	General	2,380	2,122	1,504
Dakotan	14	17.30	15	7.15	15	20.00	16	0.39	American	American-Hawaiian Line	407.7	53.2	24.0	New York	Los Angeles	General	5,325	7,156	5,058
Trelissick	14	18.50	15	8.40	15	21.06	15	22.36	British	Hain Steamship Co	399.0	52.0	25.0	New York	Brisbane	General	5,901	5,804	4,066
Lio	14	21.40	15	10.04	15	21.44	15	22.35	American	McAllister Brothers (S. B.)	431.0	59.0	20.0	New Orleans	San Francisco	Ballast		7,817	5,082
Gymeric	14	17.57	15	10.25	15	22.34	15	23.40	British	Andrew Weir & Co	420.3	54.6	20.5	Thameshaven	San Francisco	Ballast		6,501	4,459
Hatimura	15	12.10	15	12.20	15	23.41	16	1.14	British	British India Steam Nav. Co.	410.7	55.5	27.0	Galveston	Kobe	General	9,050	6,813	4,890
E. T. Bedford	15	13.17	15	13.25	15	0.26	16		American	Standard Oil Co	499.2	68.1	20.0	New York	Los Angeles	Ballast		11,009	7,967
Canoe	15		15	6.10	15				American	E. P. Lewis				Cristobal	Balboa	Ballast		1	1
T. J. Williams	15	20.15	16	6.20	16	16.40	16	17.38	American	Standard Oil Co	465.4	60.2	23.0	New York	Los Angeles	Ballast		8,585	6,087
Ancon	15	21.45	16	7.13	16	17.47			American	Panama Railroad Steamship Line	489.0	58.0	29.0	Norfolk	Balboa	Coal	10,060	10,157	7,689
Norlina	16	8.40	16	8.40	16	18.22	16	23.03	American	Garland Steamship Corporation	385.0	51.1	24.0	New York	Los Angeles	General	3,078	5,466	4,181
Radames	16	10.35	16	13.10	16	20.21	16	21.39	German	Kosmos Line	380.8	47.0	23.0	Hamburg	Guayaquil	General	3,849	4,971	3,486
Mathilde [1]	16		16		16	15.12			American	United Fruit Co				Cristobal	Gatun Lake	Ballast		2	2
Mary J. [1]	15		16		16	15.12			American	J. Walker				Cristobal	Gatun Lake	Unknown		1	1
Affinity [1]			16		16	15.12			American	E. J. Hooper	29.0	9.0		Cristobal	Gatun Lake	Ballast		4	4
No. 2207 [2]	15		16		16	15.12			American	J. Walker				Cristobal	Gatun Lake	Unknown		3	3
Sebostris	16	9.03	17	6.10	17	15.40	17	17.05	German	Kosmos Line	365.0	50.0	20.0	Antwerp	Puntarenas	General	1,300	4,979	3,381
Ardmore	16	15.27	17	7.44	17	16.39	17	18.05	American	Standard Oil Co	449.5	59.6	21.0	New York	Talara	Ballast		8,612	6,457
Lord Ormonde	16	15.30	17	8.35	17	18.32	17	20.04	British	F. T. Walker	360.0	46.0	16.0	New York	Puntarenas	R. R. Machinery	151	4,563	3,406
J. N. Pew	16	21.48	17	9.50	17	19.13	18	1.20	American	Sun Oil Co	480.5	66.0	19.6	Chester	Los Angeles	Ballast		9,494	6,612
Birmingham City	17	4.10	17	10.55	17	21.31	17	22.41	American	U. S. Steel Products Co	395.0	55.0	27.7	New York	San Diego	General	6,909	6,841	4,686
Andrea F. Luckenbach	17	14.15	18	6.30	18	14.20	18	15.20	American	Luckenbach Line	496.0	68.2	22.3	New York	Los Angeles	General	6,300	11,487	8,762
Elder Branch	17	19.15	18	7.18	18	15.38	18	18.35	British	Nautilus Steamship Co	380.3	49.7	19.0	Liverpool	Guayaquil	General	2,632½	4,951	3,592
Warwick	17	23.15	18	9.00	18	17.35	18	18.30	American	Union Oil Co	340.0	49.0	26.0	New Orleans	Los Angeles	Ballast		4,614	2,935
Magellan	17	22.27	18	12.00	18	19.04	18	19.56	British	Pacific Steam Navigation Co	461.6	59.3	23.8	Hamburg	Corral	Coal and general	4,690	8,817	6,063
Orleans	18	17.37	19	6.24	19	14.25	19	17.50	American	Orleans Steamship Co	395.5	55.0	26.0	Philadelphia	Los Angeles	General	8,050	7,330	5,233
Livingston Roe	19	2.45	19	7.40	19	15.14	19	16.10	American	Standard Oil Co	463.3	60.0	20.0	New York	Los Angeles	Ballast		8,491	6,065
Argosy	19	6.55	19	8.25	19	16.11	20	0.26	American	Wessel, Duval & Co	390.0	54.0	20.0	New York	Paita	Coal, gas, gen	4,295	6,203	4,280
Chuky	19	8.30	19	9.50	19	17.53	19	21.15	British	Sheridan Steamship Co	440.0	56.0	26.4	Tampico	Tocopilla	Crude oil	9,654	7,691	4,723
Neponset	19	9.15	19	10.53	19	18.40	20	0.56	American	A. E. Mittnacht (S. B.)	434.0	57.6	22.0	Philadelphia	Los Angeles	General	4,342	7,893	5,621
Nitro [3]	19	14.27	20	6.20	20	13.21	21	7.49	American	U. S. Navy	459.0	61.0	21.9	Norfolk	San Diego	General	1,394		
Aconcagua	19	4.20	20	7.05	20	14.16	20	15.15	Chilean	Chilean Line	422.8	56.2	24.5	New York	Valparaiso	General	1,646	7,758	4,705
Imlay	20	0.37	20	6.20	20	13.21	20	20.47	American	Walker & Daly (S. B.)	425.0	57.0	24.0	New York	Los Angeles	Ballast		7,218	4,959
Dean Emery	18	23.37	20	8.28	20	16.08	20	17.25	American	Pan-American Petroleum Co	429.0	58.0	18.8	New Orleans	Los Angeles	Ballast		7,527	5,335
Balboa	18	21.05	20	9.20	20	17.02	20	18.49	Colombian	Cia. Costancia Colombiana	190.0	29.1	11.6	Cristobal	Buenaventura	General	38	737	335
Howick Hall	20	7.22	20	9.45	20	17.44	20	18.45	American	U. S. Steel Products Co	400.8	51.6	26.8	Baltimore	Los Angeles	Steel	7,007	6,095	4,381

[1] Launch. [2] Barge. [3] Supply ship.

Venezuela	18	9.00	20	10.40	20	18.30	20	19.27	Italian	La Veloce Line	437.2	51.6	23.10	Genoa	Valparaiso	General	543	7,622	5,051
District of Columbia	20	15.29	21	6.27	21	14.01	21	18.00	American	Walker & Daly (S. B.)	431.0	59.2	18.0	Fall River	Los Angeles	Ballast		8,097	5,362
W. S. Rheem	20	18.40	21	7.25	21	14.55	21	16.15	American	Standard Oil Co	500.0	68.2	21.0	New York	Los Angeles	Ballast		11,224	7,860
Nordlys	21	1.20	21	8.40	21	15.55	21	17.25	Danish	Peter Brown	362.0	51.0	14.0	Newport News	Antofagasta	Ballast		4,932	3,468
Argon	21	8.27	21	9.10	21	16.30	21	17.37	American	Standard Transportation Co	435.0	56.0	18.0	New York	Los Angeles	Ballast		7,386	5,137
Montrolite	21	6.45	21	10.00	21	17.27	21	18.30	British	Imperial Oil Co	430.0	57.0	18.0	Halifax	Talara	Ballast		7,378	5,045
Dominion Miller [4]	21	9.35	21	10.32	21	18.12	21	21.55	British	Norfolk & North Amer. S. S. Co.	420.0	54.0	26.0	London	Los Angeles	General	8,900	6,996	5,306
Port Kembla	21	12.02	21	12.20	21	19.16	21	20.46	British	Commonwealth & Dom. Line	481.0	62.0	30.0	London	Auckland	General	8,500	10,805	8,167

[4] Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Eldorado	14	15.00	15	7.15	15	14.05	15	16.47	American	Swayne & Hoyt	245.5	42.0	15.6	Ancortes	Mobile	Lumber, general.	1,900	2,439	1,662
Cerro Ebano	14	19.30	15	8.03	15	16.10	15	16.10	American	Huasteca Oil Co	480.8	66.0	28.6	San Pedro	New Orleans	Crude oil	12,378	9,389	6,453
Port Curtiss	14	21.00	15	9.20	15	17.20	15	18.35	British	Cunard Line	449.0	53.0	28.0	Wellington	New York	Cold storage	7,286	8,500	6,140
Grant	14	21.47	15	9.28	15	17.33	17	13.00	American [4]	U. S. Army	509.7	53.3	24.9	San Francisco	New York	Miscellaneous	642		
Saint Jean	15	4.00	15	10.35	15	18.35	15	21.00	French	French Line	415.0	50.3	25.6	Valparaiso	Bordeaux	Nitrate, general.	7,193	5,149	4,081
William Perkins	14	22.30	15	10.54	15	19.39	15	20.25	American	Garland Steamship Corporation.	409.8	54.2	26.0	Astoria	New York	Copper, lumber.	5,120	6,757	4,803
Tistem	15	3.00	15	12.04	15	20.54	15	20.54	American	Atlantic Refining Co	425.0	57.2	27.0	Port San Luis.	Philadelphia	Crude oil	(6)	7,204	4,768
Ida [5]			15	9.50	15	12.51			American	C. A. Blair				Pedro Miguel.	Gatun				
Munrio	15	10.10	15	12.58	15	21.44	16	1.00	American	Munson Line	333.6	48.2	22.6	Portland	New York	Lumber	4,800	4,165	3,066
Rhodopis	15	9.30	15	13.24	16	14.47	16	17.45	German	Kosmos Line	436.0	53.0	26.9	Corral	Hamburg	Nitrate, general.	6,855	7,525	5,154
Eurana	15	12.23	15	14.37	15	22.45	15	24.00	American	International Mercantile Marine.	419.5	56.5	25.6	San Pedro	New York	Crude oil	9,200	6,989	4,976
San Fraterno	15	17.45	16	7.49	16	16.40	16	16.40	British	Eagle Oil Transport. Co.	527.3	66.6	28.6	San Pedro	Tampico	Crude oil	15,745	12,050	8,621
Haimon	15	22.20	16	8.25	16	17.44	17	13.39	German	Roland Line	361.0	44.8	18.1	Champerico	New York	General	1,829	4,350	3,117
Alvarado	16	9.00	16	10.45	16	17.57	16	21.18	British	Pacific Steam Navigation Co	303.0	43.0	15.6	Guayaquil	New York	General	942	2,844	1,748
Birk	16	9.40	16	11.20	16	10.18	16	19.18	Norwegian	Roderrett Odfeell	395.8	52.1	23.8	Iquique	New Orleans	Nitrate	6,950	4,751	3,160
Agwistone	16	0.45	16	12.08	16	20.32	16	20.32	American	Ward Line	499.5	68.1	28.8	San Pedro	New York	Crude oil	16,036	10,600	7,833
Willpolo	16	0.20	16	12.19	16	21.45	16	21.45	American	Williams Steamship Co	386.8	52.2	24.0	San Francisco.	New York	Lumber, general.	6,127	5,680	4,080
Pennsylvanian	16	17.50	17	6.58	17	14.40	17	14.40	American	American-Hawaiian Line	407.7	53.7	24.6	Bellingham	Boston	General	4,892	7,107	4,916
William Rockefeller	16	17.50	17	7.58	17	18.00	17	18.00	American	Standard Oil Co. of N. J.	554.9	75.3	31.9	Los Angeles	New York	Crude oil	20,000	14,785	10,313
Vicolite	17	7.00	17	8.44	17	18.10	17	18.10	British	Imperial Oil Co	500.4	68.0	32.0	San Pedro	Montreal	Crude oil	14,900	11,049	7,732
Rotarian	16	22.04	17	10.25	17	20.00	17	20.00	American	Wessel, Duval & Co	380.3	53.1	23.9	Taltal	New Orleans	Nitrate	6,728	5,660	4,059
Orcoma	17	9.15	17	11.25	17	19.10	18	10.50	British	Pacific Steam Navigation Co	510.0	62.0	27.6	Valparaiso	Liverpool	General	5,104	12,267	7,942
Thomas P. Beal	17	11.32	17	12.11	17	20.52	17	22.33	American	C. and T. Intercoastal Line	394.1	55.1	27.0	Portland	Baltimore	Lumber, general.	8,054	7,047	5,100
Agwisea	17	12.20	17	15.22	18	0.05	18	0.05	American	Ward Line	468.3	62.7	28.0	Los Angeles	New York	Crude oil	12,500	9,802	6,867
Steelore	17	12.00	17	16.03	18	14.18	18	16.05	American	Ore Steamship Co	550.3	72.2	32.0	Cruz Grande	Baltimore	Iron ore	19,000	15,551	4,297
Cayuca No. 2396			16	9.00	17	14.45			American	Louis Orictiles				Balboa	Cristobal				
I. C. White	17	16.10	18	6.46	18	15.40	18	17.15	American	Huasteca Petroleum Co	429.3	59.2	27.0	San Pedro	New Orleans	Crude oil	12,570	7,924	5,730
Batoe	17	17.15	18	7.51	18	15.40	18	17.00	Dutch	Steamship Co. of Netherlands	420.0	55.0	24.3	Caleta Colosa.	Alexandria	Nitrate	7,226	7,002	4,944
Sudurco	17	7.15	18	8.31	18	16.12	18	20.55	American	Submarine Boat Corporation	324.0	46.2	22.0	Portland	Poughkeepsie.	Lumber	3,700	3,984	2,636
H. M. Flagler	17	19.55	18	8.39	18	17.30	18	21.55	American	Standard Oil Co	461.6	60.0	27.6	Talara	Vallo, Norway	Oil in bulk	11,096	8,450	6,089
City of Auckland	17	22.00	18	9.03	18	17.02	19	19.54	British	Ellerman-Hall Line	378.6	62.2	26.8	San Francisco.	Hull	General	10,000	9,394	6,723
Wm. G. Warden	18	1.00	18	10.36	18	18.45	18	18.45	American	Standard Oil Co	500.0	68.2	29.2	Los Angeles	Baltimore	Crude oil	15,850	10,524	7,600
Atlantic Maru	18	2.00	18	11.09	18	19.53	18	20.35	Japanese	Kawasaki Kisen Kaisha	385.0	51.0	26.10	Antofagasta	Norfolk	Nitrate	8,295	8,295	4,700

[4] Launch. [6] 76,900 barrels.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
City of Para	18	5.34	18	12.08	18	21.35	....	....	Panaman	Pacific Mail Steamship Co	345.0	38.6	23.7	Champerico	Cristobal	Coffee, general	2,640	3,739	2,163
Balboa	18	4.00	18	12.29	18	21.05	20	9.20	Colombian	Compania Costancia Colombiana	190.0	29.1	15.6	Tumaco	Colombian pts.	General	425	737	335
Hogoton	18	11.00	18	14.57	18	22.33	18	22.33	American	Walker & Daly	434.8	56.2	26.6	San Pedro	Fall River	Crude oil	6,937	7,429	5,141
G. Harrison Smith	13	21.30	14	15.48	19	17.35	20	6.25	British	International Petroleum Co	550.2	72.0	33.0	Cruz Grande	New York	Iron ore	20,600	15,476	11,102
Albaro	18	15.00	19	6.52	19	15.35	21	16.54	Italian	La Veloce Line	323.8	40.0	16.0	Valparaiso	Colon [7]	General	108	3,039	2,090
Ballena	18	20.30	19	7.47	19	15.10	20	1.20	British	Pacific Steam Navigation Co	400.1	52.0	23.0	Callao	London	Sugar, general	6,242	5,816	4,113
Cold Harbor	19	5.00	19	8.05	19	17.05	19	17.05	American	North Atlantic & West. S. S. Co.	390.0	54.2	23.0	Seattle	New York	Lumber, general	3,560	6,167	4,290
Olockson	4	....	19	10.00	19	8.54	....	....	American	Boston Iron & Metal Co	401.4	53.2	19.0	Balboa	Gatun Lake	....	....	....	....
Cayuca	....	....	19	8.25	19	14.40	....	....	American	R. H. Hull	....	....	....	Balboa	Frijoles	Ballast	....	....	....
Agwihavre	19	1.30	19	11.25	19	19.15	19	19.15	American	Ward Line	480.5	66.0	29.0	San Pedro	New York	Crude oil	13,750	9,394	6,305
Foldenfjord	19	5.15	19	12.13	19	20.49	19	20.49	Norwegian	Norwegian-American Line	430.4	59.3	26.9	San Pedro	London	Benzol	10,700	7,780	5,520
Mantaro	19	3.40	19	14.53	19	22.10	23	11.15	Peruvian	Peruvian Line	367.3	46.0	17.9	Iloilo	Cristobal	General	1,207	4,838	2,959
Edward L. Doheny, Jr.	19	17.15	20	7.09	20	14.58	20	14.58	American	Huasteca Oil Co	467.6	62.7	29.6	Los Angeles	New Orleans	Crude oil	13,277	9,423	6,989
Maine	20	22.45	21	7.53	21	15.25	21	15.25	American	Argonaut Steamship Co	402.0	54.2	28.0	Tacoma	Boston	Lumber, general	7,376	6,936	4,998
John Worthington	21	1.56	21	8.07	21	17.08	21	17.08	American	Standard Oil Co	464.0	60.2	27.8	San Pedro	New York	Crude oil	12,000	8,491	6,096
Dillwyn	20	22.00	21	10.39	21	18.05	21	18.05	American	Walker & Daly	435.0	56.0	26.0	San Pedro	New York	Fuel oil	10,000	7,441	5,180
Robert E. Hopkins	21	5.25	21	10.51	21	19.20	21	19.20	American	Tidewater Oil Co	424.4	58.2	26.5	Los Angeles	New York	Crude oil	10,266	7,333	5,244

[7] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
April 15	Zacapa	United Fruit Co	New York via Habana.	April 15	Pastores	United Fruit Co	New York via Habana.
April 15	Pastores	United Fruit Co	Port Limon.	April 15	Fulton	U. S. Navy	Almirante Bay.
April 17	Ulua	United Fruit Co	New York via Habana.	April 16	Zacapa	United Fruit Co	Bocas del Toro.
April 18	Parismina	United Fruit Co	New Orleans via Habana.	April 18	Cristobal	Panama Railroad Steamship Line	New York via Haiti.
April 18	Antiochia	Hamburg-American Line	Hamburg via wayports.	April 18	Antiochia	Hamburg-American Line	Port Limon.
April 18	San Benito	United Fruit Co	Boston via Habana.	April 18	Ulua	United Fruit Co	Port Limon.

*Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, April 28, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Nebraskan	21	14.55	22	6.35	22	14.17	22	15.35	American	American-Hawaiian Line	368.6	55.2	25.0	Philadelphia	Los Angeles	Gen., steel prod.	4,959	5,707	3,643
John D. Archbold	21	20.32	22	7.35	22	15.18	22	16.30	American	Standard Oil Co	554.9	75.3	23.0	New York	Los Angeles	Ballast		14,785	10,313
Sherman	22	6.00	22	8.00	22	15.23	22	16.30	American	Sherman Steamship Co	400.3	45.3	22.0	New York	San Antonio	General	2,591	5,037	3,492
Goodwill[1]	17	23.53	22	9.00	22	16.30			American	K. Spalding	120.0	30.0	16.0	Kingston	Los Angeles	Ballast		313	175
Munaires	22	8.50	22	9.30	22	17.10	22	21.00	American	Munson Line	370.0	53.0	23.0	Norfolk	Seattle	General	6,000	5,577	4,225
Machaon	22	6.10	22	10.00	22	17.53	22	18.40	British	Ocean Steamship Co	451.0	56.0	28.6	New York	Yokohama	General	7,300	7,953	5,734
Port Hacking	22	13.20	22	13.35	22	19.46	22	20.55	British	Commonwealth & Dom. Line	439.5	55.0	27.5	New York	Auckland	General	5,222	7,885	5,847
Houma	22	14.15	23	6.18	23	14.17	23	15.15	American	McAllister Bros. (S. B.)	434.8	56.2	21.0	New York	Los Angeles	Ballast		7,425	5,168
John D. Rockefeller	22	17.32	23	7.15	23	15.10	23	16.24	American	Standard Oil Co	458.3	60.0	21.9	New York	Los Angeles	Ballast		8,633	6,314
Tulsagas	22	17.48	23	8.05	23	16.05	23	20.49	American	McAllister Bros. (S. B.)	431.0	59.2	21.0	New York	Los Angeles	Ballast		7,817	4,961
Swiftscout	22	21.10	23	8.50	23	16.49	24	.19	American	Swiftsure Oil Transport. Co	464.0	60.2	20.0	Fall River	Los Angeles	Ballast		8,473	6,104
City of Shanghai	22	23.30	23	9.27	23	17.43	23	18.43	British	Ellerman Lines, Ltd	418.3	55.0	24.0	New York	Melbourne	General	4,588	7,073	5,361
Dix	23	6.50	23	9.50	23	18.39	23	19.54	American	Dollar Line	436.4	52.1	23.0	Norfolk	San Francisco	General	6,143	7,015	5,214
Tredinnick	23	8.23	23	10.35	23	19.24	23	20.31	British	Hain Steamship Co	400.0	52.1	25.0	St. Johns	Auckland	General	6,062	5,987	4,385
Mantaro	19	23.10	23	11.15	23	20.04	23	21.16	Peruvian	Peruvian Line	360.3	46.0	19.0	Cristobal	Callao	General	585	4,838	2,959
Seattle Maru	23	15.11	24	6.22	24	13.46	24	14.57	Japanese	Osaka Shosen Kaisha	410.0	51.0	24.0	Buenos Aires	Kobe	(6)	2,940	6,226	4,118
Patuxent[2]	22	18.57	24	6.42	24	13.37			American	U. S. Navy	156.0	29.0		Cristobal	Balboa	Ballast			
British Light	23	15.49	24	7.15	24	15.29	24	23.19	British	Anglo-Saxon Petroleum Co	420.0	54.0	18.6	Plymouth	Los Angeles	Ballast		6,763	4,314
Jason[3]	23	5.57	24	8.45	24	18.15	24	19.34	American	U. S. Navy	536.0	68.0	30.6	Norfolk	San Diego	Coal, supplies	8,722		
David McKelvy	23	17.40	24	9.45	24	19.00	24	19.55	American	Tidewater Oil Co	430.0	59.2	19.0	New York	Los Angeles	Ballast		7,629	5,393
15 N. D.[4]			24	6.42	24				American	U. S. Navy				Cristobal	Balboa	Ballast			
Rimutaka	24	19.15	25	6.30	25	13.49	25	22.25	British	New Zealand Shipping Co	457.0	58.0	26.0	Liverpool	Auckland	General	6,515	9,078	6,837
Lydia	25	2.53	25	6.30	25	14.37	25	19.00	American	Lydia Steamship Co	366.0	48.2	24.10	New Orleans	Seattle	General	5,200	4,620	3,343
Walter Jennings	25	5.55	25	7.40	25	15.00	25	15.55	American	Standard Oil Co	499.2	68.1	20.0	Charleston	Los Angeles	Ballast		11,037	7,995
Erviken	25	4.37	25	8.10	25	15.53	25	20.50	Norwegian	Haakon Wallem	420.0	54.0	27.6	Port Arthur	Yokohama	Petroleum	9,500	6,979	5,131
City of Batavia	25	4.05	25	8.52	25	16.44	25	18.10	British	Hall Line	425.5	53.1	25.0	New York	Sydney	General, case oil	7,346	6,488	4,680
Poleric	25	7.40	25	9.24	25	17.37	26	.16	British	Bank Line, Ltd	461.5	52.1	27.5	New York	Fusan	General	7,063	8,249	5,929
Steel Age	25	8.20	25	10.12	25	18.15	26	2.37	American	U. S. Steel Products Co	395.5	55.0	27.0	Baltimore	San Diego	(7)	8,685	7,285	5,256
Pearl Shell	25	8.25	25	10.50	25	18.58	26	.16	American	Pearl Shell Steamship Co	411.6	53.4	19.0	Bordeaux	Los Angeles	Ballast		6,177	4,403
Cacique	24	19.24	25	11.23	25	19.49	25	21.09	American	Grace Line	394.2	52.3	24.6	Baltimore	Seattle	General	5,985	6,652	4,913
F. Q. Barstow	25	12.25	25	12.35	25	20.44	25	21.40	American	Standard Oil Co	500.0	68.2	22.0	New York	Los Angeles	Ballast		10,530	7,604
Galveston[5]	24	18.06	26	6.15	26	14.19			American	U. S. Navy	292.0	44.0	18.0	New Orleans	Balboa	Ballast			
Santa Luisa	25	17.25	26	6.25	26	13.28	26	16.43	American	Grace Line	360.2	51.6	22.5	New York	Talcahuano	General	2,716	5,694	3,975
Paul Shoup	25	14.37	26	7.25	26	15.01	26	19.06	American	Associated Oil Co	424.4	58.2	23.0	Fall River	Los Angeles	Ballast		7,333	5,119

[1] Auxiliary schooner. [2] Tug. [3] Collier. [4] Launch. [5] Cruiser. [6] Cotton, hides, tankage, and steel sheets. [7] Steel pipe, tin plate, and general.

Santa Tecla	25	17.21	26	7.15	26	15.16	26	16.40	American	Grace Line	298.6	40.0	18.0	New York	Pto. Chicama	General	2,045	2,832	1,803
Egremont Castle	25	14.05	26	8.42	26	17.18	26	18.20	British	James Chambers & Co	410.0	52.0	28.3	New York	Manila	General	6,970	6,049	4,422
Loch Katrine[8]	25	3.58	26	9.20	26	18.02	26	18.50	British	Royal Mail Steam Packet Co	485.4	62.3	20.0	London	Vancouver	General	2,285	10,802	7,595
Royal Arrow	25	23.27	26	10.00	26	18.46	26	19.44	American	Standard Transportation Co	467.6	62.7	21.6	New York	Los Angeles	Ballast	.....	9,699	6,895
Santa Cecilia	26	6.40	26	10.30	26	19.34	27	.41	American	Planet Steamship Co	404.6	53.0	28.5	New York	San Francisco	General, steel	8,692	6,745	4,562
Aysen	22	16.56	26	11.05	26	20.16	26	21.26	Chilean	Chilean Line	379.6	44.3	20.6	Cristobal	Valparaiso	General	710	4,535	3,068
Davanger	26	7.30	26	11.40	26	21.01	27	13.45	Norwegian	Westfal, Larsen & Co	425.0	56.8	17.0	London	Los Angeles	Ballast	.....	7,125	4,916
Mexican	26	1.42	26	12.20	26	21.50	26	22.50	American	American-Hawaiian Line	472.3	57.2	26.4	New York	Los Angeles	General	6,567	9,258	6,874
Gaelic Prince	26	7.42	26	13.00	26	22.41	26	23.45	British	Prince Line, Ltd	448.0	57.0	28.10	New York	Hongkong	Gen., gas., oil	9,393	9,160	6,698
W. E. Hutton	26	11.37	26	13.45	26	23.20	27	.55	American	Pure Oil Steamship Co	435.0	56.0	20.0	Mobile	Los Angeles	Ballast	.....	7,481	5,120
Mystic	26	7.05	26	13.45	27	0.10	27	1.25	American	Shawmut Steamship Co	400.7	54.2	26.6	New Orleans	Los Angeles	General	7,856	6,623	4,625
Almagro	25	14.32	26	14.30	27	0.54	27	15.35	British	Pacific Steam Navigation Co	303.0	43.0	16.0	New York	Guayaquil	General	853	2,878	1,714
Anniston City	26	13.55	26	15.25	27	2.03	27	6.41	American	U. S. Steel Products Co	424.0	54.0	26.0	Philadelphia	Shanghai	General	7,993	7,611	5,450
Silver Shell	26	15.50	27	6.30	27	13.39	27	20.13	American	Silver Shell Steamship Co	411.6	53.4	19.0	Portishead	Los Angeles	Ballast	.....	6,213	4,343
Katrina Luckenbach	24	15.06	27	6.50	27	15.05	27	16.10	American	Luckenbach Line	446.0	56.0	30.6	New Orleans	Seattle	General	9,635	8,508	6,179
Steel Maker	26	14.20	27	7.50	27	15.40	27	16.55	American	U. S. Steel Products Co	395.0	55.0	27.7	New York	San Diego	General	8,400	7,285	5,256
Cerro Azul	26	20.30	27	8.39	27	17.18	27	18.25	American	Pan-American Petroleum Co	480.0	66.0	21.0	New Orleans	Los Angeles	Ballast	.....	9,398	6,453
Clement Smith	26	20.55	27	9.02	27	18.05	27	19.16	American	Oil Transport Co	431.0	59.0	17.0	Baton Rouge	Los Angeles	Ballast	.....	8,097	5,263
Scottish Strath	27	8.15	27	9.45	27	19.01	27	23.46	British	Anglo-Saxon Petroleum Co	440.0	57.4	20.0	Newcastle	Los Angeles	Ballast	.....	7,527	5,108
City of Para	18	21.35	27	10.13	27	19.44	28	13.10	Panaman	Pacific Mail Steamship Co	345.0	38.6	19.6	Cristobal	Champerico	General	1,178	3,730	2,459
Indiana	26	18.38	27	11.30	27	20.26	27	21.36	French	French Line	435.0	56.0	22.0	Havre	Vancouver	General	1,793	7,157	4,936
Gen. G. W. Goethals	26	6.25	27	11.35	27	21.24	29	7.51	American	Panama Railroad Steamship Line	353.0	48.7	25.0	New York	Guayaquil	General, cement	2,129	5,226	3,617
Missourian[8]	27	11.15	27	12.27	27	22.14	28	2.00	American	American-Hawaiian Line	445.1	59.8	24.10	Boston	Los Angeles	General	8,500	8,567	6,020
Cerro Ebano	27	20.00	28	6.20	28	14.05	28	15.05	American	Pan-American Petroleum Co	480.5	66.0	21.6	New Orleans	Los Angeles	Ballast	.....	9,398	6,453
Artigas	27	21.45	28	7.05	28	15.04	29	2.54	American	Nawsco Lines (S. B.)	390.0	54.2	19.0	Philadelphia	Los Angeles	General	4,759	6,204	4,314
Hoven	28	1.40	28	7.25	28	15.12	29	4.50	American	Walker and Daly (S. B.)	434.8	56.2	17.6	New York	Los Angeles	Ballast	.....	7,426	5,144
Edward Luckenbach	27	23.43	28	8.15	28	15.49	28	17.10	American	Luckenbach Line	436.0	57.0	29.6	Philadelphia	Los Angeles	General	8,962	8,543	6,427
Junin	28	4.53	28	9.15	28	16.59	28	7.19	British	Pacific Steam Navigation Co	391.5	50.2	23.6	Glasgow	Valparaiso	General	2,100	5,930	4,395

[8] Motor ship.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Chester Sun	21	23.45	22	7.58	22	15.14	22	15.14	American	Sun Oil Co	429.3	59.2	27.8	San Pedro	Baltimore	Crude oil	10,036	7,684	5,299
Hawaiian	22	5.40	22	8.25	22	16.45	22	17.25	American	American-Hawaiian Line	406.8	51.1	26.6	Portland	Philadelphia	General, lumber	6,600	6,039	4,180
Aysen	22	7.05	22	9.12	22	16.56	26	11.05	Chilean	Chilean Line	373.6	43.3	19.0	Talcahuano	Cristobal	General	279	4,535	3,068
Chickasaw City	22	11.07	22	11.59	22	18.55	22	18.55	American	Isthmian Steamship Line	395.5	55.0	27.0	Vancouver	London	General	8,139	6,841	4,686
Huguenot	22	5.30	22	12.37	22	20.50	22	20.50	American	McAllister Bros	434.8	56.2	26.6	San Pedro	New York	Fuel oil	10,014	7,394	5,099
Swiftwind	22	15.00	23	6.57	23	15.06	23	15.06	American	C. D. Mallory	464.0	60.0	27.7	San Pedro	Fall River	Crude oil	12,500	8,473	5,997
Robert Luckenbach	22	12.00	23	7.52	23	15.10	23	15.10	American	Luckenbach Line	445.0	58.0	24.0	Seattle	Boston	General	7,000	8,617	6,297
China Arrow	23	5.50	23	8.11	23	16.05	23	16.05	American	Standard Transportation Co	468.3	62.7	26.3	Los Angeles	Marcus Hook	Gasoline	11,186	10,084	7,388
Ancon	.....	.....	23	9.44	23	14.37	.....	.....	American	Panama Railroad Steamship Line	489.5	58.0	29.0	Balboa	Gatun	.....	.....	10,157	7,689
Orinoco	23	7.10	23	10.09	23	17.58	23	17.58	American	American-Hawaiian Line	376.4	52.3	24.1	Everett	New York	Lumber, copper	5,200	5,455	3,902
Salvador	23	3.15	23	11.03	23	19.15	.....	.....	British	Pacific Steam Navigation Co	225.0	35.4	13.1	Champerico	Cristobal	Coffee, sugar	397	1,270	375
Gen. O. H. Ernst	23	6.00	23	11.28	23	19.20	25	9.50	American	Panama Railroad Steamship Line	356.4	45.3	16.3	Guayaquil	New York	General	890	4,503	2,764

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Marore	23	10.30	23	13.48	24	13.30	24	14.12	American	Ore Steamship Corporation	550.3	72.2	31.3	Cruz Grande	Baltimore	Iron ore	18,000	15,551	4,297
Wales Maru	23	14.50	24	6.54	24	14.59	24	14.59	Japanese	Kabushiki Kaisha Kawasaki	405.0	53.0	27.10	Antofagasta	Charleston	Nitrate	9,250	7,043	5,077
J. L. Luckenbach	23	16.40	24	7.53	24	15.30	24	15.30	American	Luckenbach Line	448.9	60.2	26.4	San Francisco	New York	Lumber, general	8,000	9,294	6,861
Edgar F. Luckenbach	24	2.25	24	8.03	24	16.12	24	16.12	American	Luckenbach Line	425.0	57.3	23.0	Anacortes	Mobile	General	3,158	8,568	6,565
Henry S. Grove	24	2.35	24	8.53	24	16.47	24	16.47	American	Argonaut Steamship Line	404.6	54.0	22.6	Portland	Baltimore	Lumber, general	7,500	6,755	4,688
Lime Branch	24	6.00	24	9.46	24	18.30	24	23.02	British	F. & W. Ritson	395.0	56.2	22.6	Punta Arenas	Liverpool	General	7,345	6,587	5,039
Nordkap	24	12.18	24	13.00	24	20.25	24	20.25	Danish	Peter Brown & Co	350.0	43.0	25.0	San Antonio	Baltimore	Copper, nitrate	5,366	3,755	2,712
Josiah Macy	24	14.42	24	15.21	24	23.22	24	23.22	American	Standard Oil Co	419.0	57.0	27.6	San Pedro	New York	Crude oil	9,300	7,197	5,082
British Star	24	20.30	25	7.08	25	16.30	25	16.30	British	British Tanker Co	430.5	57.0	25.6	San Pedro	Curacao	Crude oil	9,450	7,174	4,964
S. C. T. Dodd	24	19.35	25	7.47	25	17.06	25	17.06	American	Standard Oil Co	425.0	57.2	28.6	San Francisco	Port Arthur	Refined oil	10,000	7,481	4,975
Iolcos	24	12.00	25	8.08	25	18.25	25	22.40	Greek	Hellenic Transportation Co	408.0	52.2	28.6	Mejillones	Charleston	Nitrate	8,100	5,771	4,047
Northern Star	25	4.50	25	9.41	25	18.18	25	18.18	American	American Star Line	386.2	52.2	22.1	Grays' Harbor	New York	Lumber	5,800	5,682	4,086
San Juan	24	18.55	25	10.29	25	19.33	30	6.05	American	Pacific Mail Steamship Co	283.0	37.0	17.3	San Francisco	Cristobal	General	1,711	2,379	1,593
Patuxent[9]	...	...	25	10.39	25	20.26	...	...	American	U. S. Navy	...	...	...	Balboa	Cristobal	...	...	...	...
Cherry Branch	25	10.25	25	11.08	25	21.00	25	22.55	British	F. & W. Ritson	400.5	52.0	23.0	Valparaiso	Liverpool	Nitrate, gen.	6,649	5,403	3,967
Canadian Planter	25	18.00	26	6.50	26	20.20	26	21.15	British	Canadian Government	400.3	52.0	17.6	Melbourne	Montreal	General	5,000	5,842	4,092
Clan McKay	25	18.00	26	7.52	26	21.05	26	22.55	British	Clan Line, Ltd	420.0	54.1	22.3	Medang	Hamburg	Copper, general	6,022	6,630	4,975
Turkestan	25	24.00	26	8.10	26	22.50	26	23.35	British	Hindustan Steamship Co	364.8	51.1	23.3	Mejillones	Savannah[10]	Nitrate	6,800	4,749	3,143
Teno	26	2.50	26	8.40	26	21.55	27	12.43	Chilean	Chilean Line	421.8	56.0	24.0	Valparaiso	New York	General	4,022	7,758	4,672
Hague Maru	26	10.10	26	10.43	26	22.40	26	23.30	Japanese	Osaka Shosen Kaisha	407.0	51.0	22.0	Singapore	New York	General	5,778	6,202	4,507
Ardmore	26	11.40	26	12.27	26	23.59	27	7.18	American	Standard Oil Co	449.5	59.6	26.0	Talara	Hamburg	Crude naptha	9,500	8,612	6,457
Swiftlight	26	7.30	26	15.01	27	.45	27	.45	American	C. D. Mallory & Co	465.0	60.0	25.0	San Pedro	Fall River	Crude oil	11,000	8,473	6,050
Charles Pratt	26	13.46	27	7.10	27	20.26	27	23.22	American	Standard Oil Co. of New Jersey	500.0	68.0	30.0	San Pedro	New York	Crude oil	10,360	10,31	7,492
Bohemian Club	26	15.00	27	7.47	27	16.37	27	17.10	American	Atlantic Refining Co	425.0	57.2	27.0	San Pedro	Philadelphia	Crude oil	10,000	7,204	4,769
H. H. Rogers	26	21.00	27	8.49	27	17.53	27	17.53	American	Standard Oil Co. of New Jersey	500.0	68.0	29.6	Los Angeles	Charleston	Crude oil	15,460	10,303	7,669
Felix Taussig	27	3.30	27	9.00	27	18.46	27	18.46	American	Crowell & Thurlow	395.0	55.1	25.5	Everett	Boston	Lumber	8,000	6,594	4,503
Santa Olivia	27	7.15	27	11.59	27	21.10	27	21.10	American	Pacific Mail Steamship Co	404.6	53.9	27.0	Seattle	Baltimore	Lumber	7,242	6,779	4,921
Delaware Sun	27	8.00	27	14.42	27	22.45	27	22.45	American	Sun Oil Co	480.5	66.0	28.0	San Pedro	Philadelphia	Crude oil	13,600	9,402	5,586
Laura C. Hall	26	20.35	27	14.18	27	23.00	...	...	British	Pacific Metals Corporation	81.0	21.6	9.10	Buenaventura	Cristobal	Platinum	([12])	132	72
Mundale	27	20.00	28	8.02	28	15.55	28	15.55	American	Munson Steamship Co	358.0	44.9	17.0	Seattle	Antillo	Lumber	2,731	3,769	2,506
Susquehanna	27	23.30	28	9.02	28	17.50	29	3.12	American	Swayne, Hoyte & Co., Inc	500.8	58.5	26.4	Seattle	Buenos Aires	General	4,973	11,064	7,526
Cauca	28	6.20	28	9.36	28	18.55	...	...	British	Pacific Steam Navigation Co	246.0	35.0	18.3	Acajutla	Cristobal	General	1,603	1,589	1,018
Alm	27	11.15	28	9.59	28	18.37	28	18.37	Norwegian	Colombia Steamship Co	216.2	36.9	24.0	Guayaquil	New York	Cocoa, ivory nuts	920	1,675	1,183
Hallway	27	18.15	28	10.10	28	19.45	28	20.30	American	Walker & Daly	435.0	56.0	25.9	Los Angeles	New York[10]	Crude oil	9,700	7,643	5,319
Presidente Leguia	27	16.23	28	12.17	28	21.40	29	6.40	Peruvian	National Oriental Navigation Co.	312.3	49.6	17.0	Callao	Iquitos	General, salt	400	3,651	2,787
Ucayali	28	8.50	28	18.42	28	21.46	...	...	Peruvian	Peruvian Line	374.7	46.3	19.9	Mollindo	Cristobal	([11])	1,170	4,466	2,405

[9] And raft. [10] For orders. [11] Cocoa for Buenaventura. [12] One box. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, May 5, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Bethore	28	14.13	29	6.22	29	18.00	30	.36	American	Guaranty Trust Co	550.0	72.0	25.0	New York	Cruz Grande	Ballast		15,476	4,354
West Notus	28	16.08	29	7.32	29	18.42	29	22.30	American	Swayne & Hoyt (S. B.)	410.5	54.0	23.6	Buenos Aires	San Francisco	General	6,100	6,583	4,914
Jan Van Nassau	28	1.45	29	8.37	29	19.28	29	20.35	Dutch	Royal Netherlands W. I. Mail	346.0	44.2	21.3	Hamburg	Guayaquil	General	3,040	3,819	2,632
Bethelridge	29	3.30	29	9.40	29	20.30	30	2.05	American	Walker & Daly (S. B.)	431.0	59.2	20.0	New York	Los Angeles	Ballast		7,819	5,007
City of Victoria	29	9.23	29	10.35	29	21.25	30	11.43	British	Canadian Steamship Co	411.5	54.1	24.0	Antwerp	Vancouver	General	7,000	6,612	4,998
Standard	29	12.15	29	12.25	29	22.00	30	2.05	American	Standard Oil Co	523.0	68.0	22.0	New York	Los Angeles	Ballast		12,171	8,673
San Juan	25	19.33	30	6.05	30	13.30	30	18.00	American	Pacific Mail Steamship Co	283.0	37.0	15.0	Cristobal	San Francisco	General	301	2,379	1,593
Sabine Sun	29	13.55	30	6.30	30	14.25	30	18.45	American	Sun Oil Co	429.3	59.2	20.0	Chester	Los Angeles	Ballast		7,621	5,182
Byron D. Benson	29	19.50	30	7.15	30	14.45	30	15.41	American	Tidewater Oil Co	465.4	60.2	20.0	New York	Los Angeles	Ballast		8,546	6,095
Japan Arrow	30	5.10	30	8.23	30	15.39	30	16.45	American	Standard Transportation Co	468.3	62.7	20.7	New York	Los Angeles	Ballast		10,084	7,426
City of Pekin	30	6.25	30	8.55	30	16.36	30	17.44	British	Ellerman Lines, Ltd	442.0	58.9	28.0	New York	Yokohama	General	9,063	9,048	6,846
Mobile City	30	6.40	30	9.30	30	18.04	5-1	1.39	American	U. S. Steel Products Co	397.0	55.0	26.6	Baltimore	Seattle	(1)	8,676	7,330	5,241
Huallaga	7	23.55	30	10.55	30	18.43	30	19.50	Peru	Peruvian Steamship Line	360.0	44.7	20.9	Cristobal	Buenaventura	General	179	4,514	2,386
Saint Joseph	29	10.32	30	12.07	30	20.34	30	20.44	French	French Steamship Line	397.0	51.0	16.2	Antwerp	Valparaiso	General	470	5,979	4,170
Knoxville City	30	14.57	5-1	6.07	5-1	14.39	1	15.45	American	Isthmian Steamship Lines	424.2	56.2	25.10	New Orleans	Fusan	(2)	8,114	7,611	5,450
J. A. Moffett, Jr	30	16.55	1	7.10	1	15.05	1	15.58	American	Standard Oil Co	499.2	68.1	22.6	New York	Los Angeles	Ballast		11,037	7,995
Yankee Arrow	30	22.15	1	7.35	1	16.06	1	17.30	American	Standard Transportation Co	468.0	62.6	27.6	Beaumont	Woosung	Refined oil	11,026	9,841	6,946
Deroche	30	23.22	1	8.24	1	17.35	1	18.34	American	Union Oil Co	435.0	56.0	20.0	New Orleans	Los Angeles	Ballast		7,613	5,340
Samuel Q. Brown	5-1	2.40	1	9.00	1	16.45	1	20.17	American	Tidewater Oil Co	424.4	58.2	25.6	New York	Los Angeles	Ballast		7,333	5,246
Durango	1	8.15	1	9.35	1	18.18	2	.16	American	Malston Line	435.0	56.0	16.6	New York	Los Angeles	Ballast		7,642	5,274
Nitokris	4-30	23.55	1	10.25	1	19.07	1	20.43	German	Kosmos Steamship Line	429.3	50.6	23.6	Hamburg	Guayaquil	General	3,375	6,652	4,704
I. C. White	1	15.20	2	6.20	2	13.41	2	21.35	American	Pan-American Petroleum Co	429.3	59.2	22.8	New Orleans	Los Angeles	Ballast		7,925	5,743
Ecuador	1	9.07	2	6.46	2	13.51	2	23.25	American	Pacific Mail Steamship Co	380.0	48.7	23.6	New York	San Francisco	General	4,000	5,926	4,178
Sunbeam	2	4.40	2	7.38	2	14.50	2	16.15	American	Sun Oil Co	429.3	59.2	19.0	Chester	Los Angeles	Ballast		7,709	5,481
West Greylock	2	6.00	2	8.00	2	15.56	2	20.55	American	Argonaut Steamship Co	430.0	54.0	28.6	Baltimore	San Francisco	Steel, tin plates	10,047	7,946	5,698
Commercial Guide	2	6.30	2	9.00	2	17.20	3	1.43	American	Moore & McCormack, Inc	406.7	55.2	24.6	New York	Seattle	General	7,240	6,597	4,752
Agwibay	2	18.10	3	6.25	3	13.15	3	18.05	American	Guarantee Trust Co	468.3	62.7	19.0	New York	Los Angeles	Ballast		9,776	6,903
Castle Town	3	.30	3	6.35	3	14.17	3	17.15	American	Chas. McCormick S. S. Co	321.0	50.0	20.0	Galveston	San Francisco	Sulphur	3,793	3,570	2,203
Ohioan	3	.37	3	7.28	3	15.03	3	16.10	American	American-Hawaiian Line	407.0	53.7	23.6	New York	Los Angeles	General	5,185	7,112	4,896
Margaret Dollar	3	5.40	3	8.10	3	16.04	3	20.45	American	Dollar Line	429.0	55.2	26.6	Baltimore	Los Angeles	General	8,150	7,579	5,527
East Wind	3	6.24	3	8.40	3	17.10	3	18.45	American	U. S. & A Line (S. B.)	384.3	51.2	24.0	New York	Adelaide	General, oil	4,250	5,966	4,442
Wray Castle	3	14.52	4	6.18	4	13.44	4	15.15	British	James Chambers & Co	419.3	55.8	27.2	New York	Yokohama	General	8,162	6,861	5,016
Winnebago	3	13.45	4	6.34	4	14.30	4	15.40	British	Anglo-American Oil Co	369.3	50.1	16.3	Manchester	San Francisco	Ballast		4,763	3,344

[1] Iron pipe, steel, and general.

[2] Steel, cotton, rosin, and sulphate of ammonia.

Agwilake	4	2.10	4	7.25	4	15.58	4	22.45	American	Atl. Gulf & West India S. S. Co.	468.3	62.7	18.0	Boston	Los Angeles	Ballast		9,802	6,957
R-25 [1]			4	7.40	4	15.40			American	U. S. Navy	175.0	16.7		Cristobal	Balboa	Ballast			
British Star	4	2.40	4	8.25	4	16.12	4	17.25	British	Anglo-Saxon Petroleum Co.	430.5	57.0	20.0	Curacao	Los Angeles	Ballast		7,174	4,964
Eurana	4	4.45	4	9.08	4	17.04	4	18.25	American	New York Ship Building Co.	435.8	56.3	18.0	New York	Los Angeles	Ballast		6,989	4,976
Agwistar	4	12.04	4	12.15	4	18.28	4	23.55	American	New York & Cuba Mail S. S. Co	370.0	53.1	21.0	New York	Los Angeles	General	5,025	5,523	4,068
Eburna	4	17.25	5	6.27	5	14.03	5	19.30	British	Anglo-Saxon Petroleum Co.	380.2	52.7	17.0	Southampton	Los Angeles	Ballast		5,058	3,293
Cauca	4-28	18.55	5	7.08	5	14.53	5	15.55	British	Pacific Steam Navigation Co.	246.0	35.0	14.9	Cristobal	Acajutla	Ballast		1,589	1,018
Robin Hood	4	23.47	5	7.26	5	15.44	5	22.55	American	Seas Shipping Co.	424.8	55.0	27.0	New York	Los Angeles	General	8,952		
Daghestan	5	6.33	5	8.25	5	16.24	5	16.34	British	Hindustan S. Shipping Co.	404.0	52.0	18.0	Southampton	Los Angeles	Ballast		6,355	4,599
James B. Duke	5	6.47	5	8.58	5	17.40	6	1.00	American	Garland Steamship Corporation	385.0	51.0	25.6	New York	Seattle	Gen, iron pipe	7,060	6,242	4,471
Salvador	4-23	19.15	5	10.28	5	18.54	6	1.39	British	Pacific Steam Navigation Co.	215.0	33.0	15.7	Cristobal	Champerico	General	863	1,270	735
E. L. Doheny, III	5	6.25	5	11.55	5	20.31	5	21.45	American	Pan-American Petroleum Co.	467.6	62.7	18.6	New York	Los Angeles	Ballast			
Ionic	4	20.12	5	11.25	5	19.44	5	20.40	British	Oceanic Steam Navigation Co.	500.3	63.3	26.2	London	Wellington	General	4,735	12,872	9,577
William Rockefeller	5	12.47	5	13.00	5	21.35	5	22.40	American	Standard Oil Co.	554.9	75.0	25.0	New York	Los Angeles	Ballast		14,785	10,313

[1] Submarine.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Colombia	28	6.33	29	7.03	29	15.35	30	15.30	American	Pacific Mail Steamship Co.	380.0	48.0	24.0	San Francisco	New York	General	2,583	6,015	4,281
Tuxpanoil	28	12.47	29	7.10	29	15.45	29	15.45	American	McAllister Bros.	431.0	59.2	26.0	San Pedro	Philadelphia	Crude oil	9,500	9,862	4,979
Agwismith	28	14.25	29	8.07	29	17.02	29	17.02	American	Ward Line	499.9	68.1	28.0	San Pedro	New York	Crude oil	15,257	10,600	7,447
Nordvaag	28	14.50	29	8.34	29	18.40	29	20.40	Norwegian	New Orleans & S. A. S. S. Co.	340.0	40.1	19.10	Iquique	New Orleans	Nitrate	3,726	2,781	1,813
Illingworth	28	19.05	29	8.53	29	18.05	29	18.05	British	Dagliesh Shipping Co.	430.0	56.0	26.0	Tocopilla	Wilmington	Nitrate	8,760	6,987	4,933
F. H. Hillman	28	20.30	29	8.58	29	19.19	29	19.19	American	Standard Oil Co.	500.0	68.2	30.0	Los Angeles	London	Gasoline	13,800	11,225	7,913
Edgar Bowling	29	8.10	29	11.10	29	20.37	30	2.05	American	Garland Steamship Co.	410.5	54.3	24.0	Grays Harbor	New York	Lumber, copper	8,000	6,568	4,909
Lumina	28	22.30	29	12.15	29	21.38	29	22.40	British	H. E. Moss & Co.	407.0	52.3	24.6	San Pedro	Southampton	Benzine	7,435	5,940	4,108
Corinthic	28	8.45	29	12.56	29	23.30	30	6.10	British	Oceanic Steam Navigation Co.	500.0	63.3	26.0	Auckland	London	Cold storage, gen.	7,566	12,821	9,507
Balboa	29	12.00	29	13.24	30	.07	5-1	16.50	Colombia	Compania Costernia Colombia	190.0	29.1	15.4	Tumaco	Pto. Colombia	General	580	737	335
Cecil County	29	9.45	29	14.59	30	.10	30	.10	American	Walker & Daly	430.0	59.0	25.0	San Pedro	Fall River	Crude oil	10,374	8,097	5,261
Alda	30	4.00	30	7.56	30	15.45	30	16.45	German	Roland Line	361.0	51.0	23.3	Corral	Hamburg	General	6,043	4,791	3,392
Manavi	30	8.42	30	10.05	30	16.42			British	Pacific Steam Navigation Co.	216.0	35.1	14.2	Guayaquil	Cristobal	General	835	1,357	884
Santa Ana	30	9.22	30	10.43	30	17.25	30	20.45	American	Grace Line	360.2	51.6	24.10	Talcahuano	New York	General	4,234	5,776	4,081
San Leon	30	9.56	30	11.01	30	18.54	30	18.54	British	Eagle Oil Co.	395.5	55.2	27.3	San Pedro	Tampico	Crude oil	8,479	6,741	4,426
Hahatonka	30	2.29	30	11.38	30	19.51	30	19.51	American	McAllister Bros.	435.6	56.2	28.0	San Pedro	Fall River	Crude oil	(4)	7,426	5,094
Tamaha	30	13.20	30	13.57	30	20.45	30	22.42	British	Standard Transp. Co. of Del.	420.6	54.4	20.0	Tocopilla	Tampico	Ballast		6,673	4,689
Walter A. Luckenbach	30	23.25	5-1	7.48	5-1	14.23	1	14.23	American	Luckenbach Line	446.5	56.1	27.8	Portland	New York	General	5,998	8,785	6,567
Diadem	5-1	5.57	1	8.29	1	16.13	1	16.50	British	Hall Bros.	390.0	54.0	25.0	Cruz Grande	Baltimore	Iron ore	7,450	5,918	4,142
H. M. Storey	1	6.00	1	9.18	1	18.05	1	18.05	American	Standard Oil Co.	500.0	68.2	29.3	Los Angeles	New York	Crude oil	15,000	11,224	7,849
Knight Templar	1	8.54	1	9.53	1	18.53	1	18.53	British	A. Holt & Co.	470.0	58.0	26.0	Vancouver	London	General	9,310	8,120	5,808
Agwipond	1	3.00	1	11.29	1	21.13	1	21.13	American	Ward Line	468.3	62.7	28.0	San Pedro	Baltimore	Crude oil	(5)	9,810	6,871
J. R. Gordon	1	11.10	1	11.35	1	19.58	1	19.58	American	Union Sulphur Co.	409.8	54.2	14.6	San Pedro	Sabine	Ballast		6,581	4,784
Munindies	1	20.45	2	7.18	2	13.50	2	13.50	American	Munson Line	370.0	53.1	24.6	Portland	New York	Lumber	(6)	5,525	4,097
Albertolite	2	5.30	2	8.32	2	16.13	2	18.55	British	Imperial Oil Co.	463.0	60.2	28.11	San Pedro	Montreal	Crude oil	11,893	8,491	6,096
Eastern Moon	2	8.54	2	9.35	2	17.30	2	20.45	American	U. S. and A. Lines	384.8	51.0	21.0	Newcastle	New York	General	3,413	5,904	4,321

[4] 68,000 barrels. [5] 92,205 barrels. [6] 370,000 board feet.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Virginian	2	12.20	2	13.10	2	20.40	3	.15	American	American-Hawaiian Line	491.5	58.2	29.0	Seattle	Hamburg	General	10,000	10,491	7,546
Oropesa	2	12.45	2	14.27	2	22.13	3	16.22	British	Pacific Steam Navigation Co	552.0	66.0	23.0	Valparaiso	Liverpool	General	3,711	14,510	10,260
Utacarbon	2	13.40	2	15.03	2	23.13	3	5.10	American	Union Oil Co	435.0	56.0	29.6	Los Angeles	Baltimore	Crude oil	(7)	7,451	5,195
U. S. S. Capella	2	11.45	3	7.07	3	13.45	4	17.10	American	U. S. Navy	401.0	54.0	24.5	San Diego	Hampton Rds.	General	1,617	.....	.....
Montrolite	2	15.23	3	8.02	3	15.35	3	16.45	British	Imperial Oil Co	420.7	57.3	25.0	Talara	Habana	Crude oil	8,200	7,378	4,898
Borgland	2	23.00	3	8.15	3	16.40	3	16.40	Norwegian	Norway Pacific Line	362.0	51.5	23.0	San Francisco	Christiania	General	5,000	5,274	3,886
Steel Ranger	2	23.30	3	9.17	3	17.07	3	17.07	American	Isthmian Steamship Lines	424.2	56.2	23.5	Seattle	New York	Gen., lumber	8,300	7,611	5,450
Cathwood	3	2.30	3	9.45	3	17.54	3	17.54	American	Union Oil Co	435.0	56.0	28.10	San Pedro	Fall River	Crude oil	10,000	7,481	5,194
Ebro	3	1.30	3	10.02	3	19.26	3	23.19	British	Pacific Steam Navigation Co	450.0	58.0	25.0	Valparaiso	New York	General	3,928	9,151	6,227
Noma[8]	2	21.30	3	11.34	3	19.10	6	15.25	American	H. Williams	236.0	28.0	16.0	Galapagos	New York	Ballast	.....	803	424
Swiftstar	3	16.30	4	6.53	4	15.27	4	15.27	American	C. D. Mallory & Co	464.6	60.2	25.6	San Pedro	Fall River	Crude oil	(12)	8,473	6,050
Cardiganshire	3	19.15	4	8.02	4	16.33	4	16.33	British	Royal Mail Steam Packet Co	499.3	62.4	29.0	Vancouver	Rotterdam	(10)	10,112	11,420	8,385
Fred W. Weller	3	21.00	4	8.17	4	19.03	5	.08	American	Standard Oil Co. of N. J	500.0	68.0	28.0	San Pedro	New York	Crude oil	15,000	10,928	7,710
Negada	4	7.15	4	9.06	4	18.05	4	21.10	German	Kosmos Line	401.0	51.0	24.0	Chile	Hamburg	General	6,347	6,402	4,463
Agwiworld	4	4.20	4	11.44	4	19.58	5	6.55	American	Ward Line	429.3	59.2	27.6	San Pedro	Boston	Crude oil	9,966	7,552	5,398
Craster Hall	4	11.30	4	12.48	4	21.55	4	22.58	American	Isthmian Steamship Lines	380.0	50.0	25.0	Vancouver	Liverpool	General	5,900	4,945	3,508
Frederick Ewing	4	14.45	5	6.52	5	15.15	5	15.15	American	Mexican Petroleum Co	435.5	56.0	26.6	Los Angeles	New Orleans	Crude oil	11,127	7,465	5,176
Swiftarrow	4	15.40	5	7.50	5	16.40	5	16.40	American	C. D. Mallory & Co	464.0	60.0	27.5	San Pedro	Fall River	Crude oil	(13)	8,473	6,050
S. M. Spalding	4	15.25	5	8.05	5	16.55	5	22.00	American	Huasteca Petroleum Co	435.0	56.0	27.0	Los Angeles	New York	Crude oil	10,909	7,331	5,080
Orcus	4	16.00	5	9.16	5	17.45	5	17.45	American	Wessel Duval & Co	380.2	53.1	23.9	Iquique	Norfolk	Nitrates	6,806	5,667	4,227
Acajutla	4	17.00	5	9.26	5	17.55	.....	.....	British	Pacific Steam Navigation Co	215.7	33.5	17.3	Champerico	Cristobal	Coffee, sugar	1,102	1,273	706
Kennecott[9]	4	8.30	5	9.58	5	18.02	6	7.07	American	Williams Steamship Co	345.3	49.6	23.6	Seattle	New York	Lumber, gen	4,925	4,593	3,381
Geo. H. Jones	4	20.15	5	10.04	5	19.18	5	19.18	American	Standard Oil Co. of N. J	429.3	59.2	28.0	San Pedro	New York	Crude oil	10,000	7,689	5,286
Dixie Arrow	5	1.00	5	11.11	5	20.15	5	20.15	American	Standard Transportation Co	468.3	62.0	19.0	Manila	New York	Coconut oil	4,317	9,744	6,973
Dryden	4	-26 21.26	5	11.34	5	21.30	6	15.18	American	Tampa Ocean Steamship Co	450.0	57.7	26.4	Saigon	New York	General	6,750	7,983	5,882
Matinicock	4	23.00	5	12.08	5	22.35	5	22.35	American	Standard Oil Co. of N. J	459.1	60.0	25.6	San Pedro	New York	Crude oil	9,200	8,172	5,882
Pacific	5	4.45	5	13.20	5	23.37	5	23.37	American	Isthmian Steamship Lines	399.7	56.2	25.1	Vancouver	New York	(11)	7,334	6,479	6,016
Kentuckian	5	10.32	5	14.25	6	.50	6	.50	American	American-Hawaiian Line	414.5	53.0	23.6	Puget Sound	Boston	Ballast	.....	7,049	4,941

[7] 74,000 barrels refining. [8] Yacht. [9] Motor schooner. [10] Grain, lumber, canned and fresh fruits, etc. [11] Lumber shingles, and lathes. [12] 80,000 barrels. [13] 80647 barrels.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
April 29	Atenas	United Fruit Co	New Orleans via Habana.	April 29	Toloa	United Fruit Co	New York via Habana.
April 29	Toloa	United Fruit Co	Port Limon.	April 29	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
April 30	Antiochia	Hamburg-American Line	Puerto Barrios.	April 30	Macoris	French Line	Havre via wayports.

(Continued on page 520, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, May 12, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Wm. G. Warden	5	15.30	6	6.23	6	14.18	6	15.20	American	Standard Oil Co	500.0	68.2	19.0	Baltimore	Los Angeles	Ballast		10,524	7,600
Laura C. Hall [1]	4–27	23.00	6	6.10	6	15.10	8	7.45	British	Pacific Metals Corporation	81.0	25.6	9.0	Cristobal	Buenaventura	General	20	132	72
Tustem	5	19.10	6	7.25	6	15.18	6	16.10	American	Atlantic Refining Co	425.0	57.2	24.0	Philadelphia	Port San Luis	Ballast		7,204	4,768
Agwimex	6	4.00	6	8.43	6	16.05	6	21.58	American	Atlantic Gulf & W. I. S. S. Co.	480.5	66.0	24.0	Philadelphia	Los Angeles	Ballast		9,394	6,325
Florence Luckenbach	6	8.10	6	9.45	6	16.52	6	18.05	American	Luckenbach Line	401.8	52.0	22.8	New York	Los Angeles	General	5,984	6,002	4,621
Red-Bird	6	8.45	6	10.10	6	17.37	7	7.48	American	Redbird Steamship Corporation	324.0	46.2	22.7	Wilmington	Vancouver	Sulphur	4,528	3,965	2,573
Tairoa	6	10.25	6	11.25	6	18.42	6	20.09	British	Shaw, Savill & Albion Co	477.0	63.0	26.0	Liverpool	Auckland	General	4,538	11,192	8,149
Kina	5	22.25	6	12.20	6	19.34	7	17.45	Danish	Orient Steamship Co	385.0	53.3	24.0	Antwerp	Vancouver	General	5,837	6,080	4,618
Breda	5	18.02	6	12.50	6	20.16	6	22.00	Dutch	Royal Netherlands W. I. Mail	402.5	58.3	20.4	Hamburg	Corral	General	4,150	7,384	5,226
Clemons [2]	5		6		6	12.02			American	American Banana Co				Cristobal	Gatun Lake	Unknown		2	2
Barges Nos. 4 and 5			6		6	12.02			American	American Banana Co				Cristobal	Gatun Lake	Ballast		17	17
Barge No. 6			6		6	12.02			American	American Banana Co				Cristobal	Gatun Lake	Ballast		8	8
Essequibo	6	10.55	7	6.12	7	13.49	7	15.20	British	Pacific Steam Navigation Co	450.0	57.0	24.2	New York	Valparaiso	General	2,647	9,099	6,117
Odenwald	5	6.14	7	7.38	7	16.12	8	18.10	German	Hamburg-American Line	399.6	54.3	15.0	Hamburg	Guayaquil	General	1,256	6,808	4,979
Jacob Luckenbach	7	5.50	7	7.57	7	17.01	7	18.20	American	Luckenbach Line	414.5	53.7	27.0	Mobile	Seattle	General	7,715	7,315	5,270
American	7	0.35	7	9.25	7	17.46	7	19.10	American	American-Hawaiian Line	406.6	51.1	26.9	Philadelphia	San Francisco	General	6,640	5,918	4,113
Grant [3]	7	6.10	7	11.20	7	18.35	10	16.40	American	U. S. Army	490.0	55.0	25.1	New York	San Francisco	General	2,200		
Ucayali	4–28	21.46	7	11.33	7	19.36	7	21.00	Peruvian	Peruvian Line	374.7	46.3	18.11	Cristobal	Guayaquil	General	646	4,466	2,405
Lima [4]	7	8.10	7	12.24	7	20.16	8	7.45	Swedish	Johnson Line	364.0	51.0	23.6	Stockholm	Seattle	General	4,592	5,304	3,900
Muskogee	7	13.02	7	13.15	7	21.09	8	4.00	American	Standard Oil Co	450.9	57.9	19.0	Ponce	Los Angeles	Ballast		7,574	5,193
M. F. Elliott	7	13.15	7	13.25	7	21.56	7	23.00	American	Standard Oil Co	425.0	57.2	18.4	New York	Los Angeles	Ballast		7,481	4,946
Manavi	4–30	16.43	8	6.16	8	13.18	8	17.15	British	Pacific Steam Navigation Co	216.0	35.0	12.3	Cristobal	Guayaquil	General	377	1,357	884
Steelore	8	5.40	8	6.50	8	15.59	8	22.35	American	Ore Steamship Co	550.3	72.2	22.0	Baltimore	Cruz Grande	Ballast		15,551	4,297
Agwistone	8	7.05	8	7.45	8	16.43	8	23.58	American	Atlantic Gulf & W. I. S. S. Co.	499.9	68.1	21.0	New York	Los Angeles	Ballast		10,600	7,833
Chinampa	8	6.10	8	10.20	8	17.50	8	19.22	American	Standard Oil Co	426.8	54.4	21.11	Fall River	Los Angeles	Ballast		7,171	5,172
Virginia Dollar	8	9.57	8	13.15	8	21.00	8	22.12	British	Dollar Line	505.0	58.3	32.2	Glasgow	Manila	General	12,500	9,829	7,125
Steel Seafarer	8	22.30	9	6.25	9	13.34	9	17.17	American	U. S. Steel Products Co	424.2	56.2	27.0	Baltimore	Honolulu	(6)	8,345	7,611	5,454
Australind	9	1.00	9	6.35	9	14.54	11	1.40	British	Australind Steamship Co	384.0	50.1	24.6	New York	Bluff	General	6,557	5,667	4,143
Sweden Maru	9	6.12	9	7.55	9	16.40	9	21.15	Japanese	Kawasaki Kisen Kaisha	385.0	51.0	25.6	Philadelphia	Yokohama	General	6,136	5,926	4,398
Devon	9	6.20	9	13.50	9	21.10	10	.02	British	Federal Steam Navigation Co	473.3	59.9	30.8	London	Auckland	General	8,234	9,944	7,000
Palena	6	20.30	10	6.15	10	14.02	10	15.20	Chilean	Chilean Line	350.0	42.1	23.3	Cristobal	Valparaiso	General	408	3,666	2,577
Patuxent [5]			10	9.55	10	17.49	11	.30	American	U. S. Navy	156.0	29.0		Cristobal	Balboa	(7)			
Santa Teresa	9	13.50	10	6.18	10	13.15	10	14.30	American	Grace Line	360.2	51.6	23.5	New York	Talcahuano	General	2,390	5,726	4,086
Canadian Miller	10	0.52	10	7.20	10	15.06	10	16.20	British	Canadian Miller Shipping Co	400.3	52.0	22.6	Halifax	Adelaide	General	2,998	5,892	4,186

[1] Motor schooner. [2] Launch. [3] Transport. [4] Motor ship. [5] Tug. [6] Steel, sulphate of ammonia, and general. [7] Towing barge No. 11.

John Worthington	10	2.30	10	7.58	10	15.52	10	16.48	American	Standard Oil Co	464.0	60.2	19.0	New York	Los Angeles	Ballast		8,491	6,096
Yorba Linda	9	14.10	10	8.45	10	16.43	10	17.55	American	General Petroleum Co	435.0	56.2	18.11	Cristobal	Los Angeles	Ballast		7,424	5,077
Durban Maru	10	5.55	10	9.15	10	17.47	10	18.54	Japanese	Nippon Yusen Kaisha	420.0	56.0	28.9	New York	Takao	General	8,772	7,445	5,345
Minnesotan	10	10.15	10	10.25	10	18.34	10	22.41	American	American-Hawaiian Line	407.0	53.7	23.0	Boston	San Francisco	General	5,503	7,150	4,913
Hatkhola	10	9.00	10	10.52	10	19.25	11	7.04	British	British India Steam Nav. Co.	385.0	51.2	22.4	New York	Adelaide	General, auto.	6,056	5,949	4,407
Arizonan	10	10.25	10	11.15	10	22.40	11	4.12	American	American-Hawaiian Line	470.1	57.2	31.8	Avonmouth	Portland	(8)	12,875	9,158	6,970
Eudunda	10	12.45	10	13.40	11	0.05	11	1.20	British	Commonwealth Government	331.0	48.0	18.7	New York	Adelaide	General	5,000	4,400	2,966
Agwisea	10	13.40	10	13.45	10	23.12	11	11.54	American	Agwi Steamship Lines	468.3	62.7	17.6	New York	Los Angeles	Ballast		9,802	6,961
Ampullaria	10	16.30	11	6.25	11	13.20	11	17.07	British	Anglo-Saxon Petroleum Co.	423.0	53.3	16.0	Barrow	Los Angeles	Ballast		6,242	4,320
Rapot	10	18.56	11	7.24	11	14.31	11	18.15	German	Roland Line	393.0	54.3	21.0	Antwerp	Buenaventura	General	2,769	6,583	4,660
Santa Paula	10	21.40	11	7.55	11	16.02	11	20.05	American	Grace Line	404.6	53.0	26.6	Baltimore	Los Angeles	General	7,641	6,756	4,775
Robert E. Hopkins	11	6.40	11	8.45	11	16.50	11	17.50	American	Tidewater Oil Co	424.4	58.2	23.0	Fall River	Los Angeles	Ballast		7,333	5,244
Plum Branch	11	6.20	11	10.00	11	17.14	11	18.25	British	Nautilus Steamship Co	398.5	53.8	19.4	Glasgow	Valparaiso	General	2,699	5,761	3,881
S. C. T. Dodd	11	6.25	11	10.30	11	17.53	11	19.14	American	Standard Oil Co	425.0	57.0	20.4	Port Arthur	San Francisco	Ballast		7,481	4,975
Agwihavre	11	11.50	11	12.40	11	19.19	12	.....	American	Atlantic Gulf & W. I. S. S. Co.	480.5	66.0	20.0	New York	Los Angeles	Ballast		9,394	6,305
Naimes	11	13.15	11	13.50	11	20.06	12	.45	German	Roland Line	330.0	45.11	15.0	Hamburg	Puntarenas	General	780	3,529	2,532
Varg	11	11.10	12	6.24	12	13.18	12	14.25	Norwegian	P. Johannessen	231.7	35.1	13.0	New Orleans	Guayaquil	Ballast		1,496	1,040
Dorothy Luckenbach	11	21.40	12	7.30	12	15.50	12	17.09	American	Luckenbach Line	448.9	60.2	30.7	Philadelphia	Los Angeles	General, steel	9,580	9,294	6,861
Apple Branch	11	22.30	12	8.30	12	16.55	12	17.50	British	Nautilus Steamship Co	370.0	52.7	18.0	London	Corral	General	2,000	5,112	3,511
Blue Triangle	12	9.00	12	9.10	12	17.35	12	21.25	American	Nawsco Line (S. B.)	390.0	54.2	22.0	Philadelphia	Los Angeles	General	5,351	6,209	4,317
Josiah Macy	12	11.15	12	11.50	12	19.00	12	21.20	American	Standard Oil Co	419.0	57.2	17.0	New York	Los Angeles	Ballast		7,197	5,082

[8] Pig iron, coke, steel and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Hans Hemsoth	4	19.15	6	7.06	7	12.10	8	6.20	German	Wilhelm Hemsoth	401.0	54.0	24.6	Vancouver	New York	Lumber	(9)	6,636	4,888
Oregon Maru	5	13.45	6	7.56	6	16.07	6	16.07	Japanese	Yonekichi Mari	385.0	51.0	27.6	Tocopilla	New York	Copper ore	8,240	6,250	4,700
Pear Branch	5	15.30	6	9.06	6	17.30	6	19.30	British	Nautilus Steamship Co	398.6	53.8	22.1	Iquique	Dunkirk	Nitrate, general	6,000	5,760	3,866
Buenos Aires	5	17.55	6	8.40	6	17.08	7	14.19	Swedish	Axel Johnson	440.0	56.0	26.6	Vancouver	Scandinavia	General	7,300	7,591	5,661
S. V. Harkness	5	19.00	6	9.50	6	17.35	6	17.35	American	Standard Oil Co	419.0	57.2	26.6	San Pedro	New York	Crude oil	8,571	7,220	4,913
J. W. Van Dyke	5	21.15	6	10.36	6	18.09	6	18.09	American	Atlantic Refining Co	435.0	56.0	28.0	Los Angeles	Philadelphia	Crude oil	10,000	7,460	5,215
Camden	6	8.20	6	11.48	6	19.10	6	21.05	American	United Fruit Co	419.5	56.5	26.5	Los Angeles	Tampico	Crude oil	8,951	6,977	4,959
Frederick R. Kellog	6	9.20	6	12.01	6	20.55	6	20.55	American	Huasteca Petroleum Co	425.8	57.0	27.0	San Pedro	New Orleans	Crude oil	10,042	7,178	4,963
Palena	5	19.30	6	13.26	6	20.30	10	6.15	Chilean	Chilean Line	107.6	12.8	20.0	Talcahuano	Cristobal	General	163	3,666	2,577
Jason	6	13.00	6	14.19	6	22.09	8	14.50	Dutch	Royal Netherlands W. I. Mail	359.6	48.6	21.6	Valparaiso	Amsterdam	General	4,240	4,321	2,120
Curaco	6	16.30	7	7.00	7	16.30	7	16.30	Panaman	Grace Line	403.1	53.4	29.0	Punta Arenas	New York	General	9,264	6,804	4,899
Republic	6	17.50	7	7.52	7	17.35	7	18.25	American	Chilean Line	345.0	49.0	22.8	Antofagasta	New York	Copper, nitrate	6,000	4,393	3,006
Shreveport	6	21.50	7	9.07	7	17.45	7	17.45	American	Walker & Daly	435.0	56.0	27.0	San Pedro	New York	Crude oil	10,130	7,411	5,103
D. G. Scofield	7	1.00	7	9.59	7	18.00	7	18.00	American	Standard Oil Co	439.5	58.0	27.9	San Francisco	Philadelphia	Gasoline	9,348	8,698	6,040
Peshawur	7	1.30	7	10.08	7	19.25	8	4.20	British	P. & O. S. N. Co	449.5	58.0	24.0	Wellington	Glasgow	General	4,100	8,174	5,332
W. C. Teagle	7	11.00	7	11.52	7	20.27	7	20.27	American	Standard Oil Co	499.1	68.0	29.5	San Pedro	New York	Crude oil	14,904	10,971	7,908
Steel Engineer	6	19.45	7	12.16	7	21.18	7	21.18	American	Isthmian Lines	424.2	56.0	16.0	Honolulu	Baltimore	Ballast		7,611	5,450
Paparoa	6	23.50	7	14.00	7	22.58	8	4.40	British	New Zealand Steamship Co	430.0	54.2	24.6	Auckland	Avonmouth	General, frozen	4,048	8,209	6,121
Urubamba	7	4.15	8	6.59	8	14.03	.....	.....	Peruvian	Peruvian Line	381.0	46.0	18.3	Callao	Cristobal	General	1,109	4,803	2,951
A. C. Bedford	7	17.30	8	7.40	8	17.40	8	17.40	American	Standard Oil Co	500.0	68.0	30.0	San Pedro	New York	Crude oil	14,735	10,896	7,615

[9] 480,000 board feet.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Chuky	8	1.00	8	8.30	8	16.45	8	18.33	British	Chile Steamship Co	440.0	56.0	14.0	Tocopilla	Tampico	Ballast		7,690	4,723
Bjornstjerne Bjornsen	8	5.30	8	8.50	8	18.53	8	19.50	Norwegian	Olaf Ovirg	410.0	54.0	26.0	Tocopilla	Cristobal[10]	Nitrates	8,800	6,304	4,752
Horace Luckenbach	8	6.58	8	9.45	8	18.00	8	18.20	American	Luckenbach Line	445.0	58.0	23.0	Seattle	New York	General	4,795	8,626	6,290
Montpelier	8	10.00	8	11.25	8	19.39	9	0.03	American	United American Lines	460.0	57.9	26.0	Seattle	New York	Lumber, general	8,900	6,368	4,161
Iowan	8	2.00	8	11.52	8	20.07	8	20.07	American	American-Hawaiian Line	407.7	53.7	22.0	Seattle	Boston	General	5,162	7,091	5,002
Lompoc	8	11.15	8	12.55	8	21.39	9	11.15	British	Union Oil Co	434.0	55.8	27.6	San Pedro	Tampico	Crude oil	9,600	7,496	5,311
W. W. Mills	8	11.50	8	13.33	8	23.06	9	6.15	American	Pure Oil Steamship Co	424.4	58.2	26.6	San Pedro	Philadelphia	Crude oil	(11)	7,333	5,119
Santa Malta	8	13.20	8	15.08	8	23.37	8	23.37	American	Pacific Mail Steamship Co	404.5	53.7	29.6	Seattle	New York	Lumber, general	7,600	6,766	4,809
Yorba Linda	8	13.00	9	7.10	9	14.10	10	8.45	American	General Petroleum Co	435.0	56.2	29.0	San Pedro	Cristobal[10]	Fuel oil	4,466	7,424	5,077
Benledi	8	16.30	9	7.46	9	15.35	9	19.30	British	Pen Line Steamship Co	379.0	46.0	22.0	Suva, Fiji Is.	Colon[10]	Copra	3,900	4,179	3,067
Solano	8	10.35	9	9.07	9	17.40	9	17.40	American	Pacific Mail Steamship Co	419.5	56.5	26.6	San Pedro	Fall River	Crude oil	10,000	7,060	5,025
E. T. Bedford	8	19.00	9	9.46	9	19.00	9	19.00	American	Standard Oil Co	499.2	68.1	30.6	San Pedro	Charleston	Crude oil	15,865	11,009	7,967
Toba Maru	10	5.40	10	8.16	10	17.50	11	6.15	Japanese	Nippon Yusen Kaisha	445.0	52.0	20.0	Hongkong	New York	General	6,770	8,058	5,743
T. J. Williams	10	10.00	10	12.47	10	20.42	11	0.45	American	Standard Oil Co	465.0	60.2	28.0	San Pedro	New York	Crude oil	10,800	8,585	6,087
San Jeronima	10	12.00	10	13.54	11	14.25	11	15.20	British	Eagle Oil Transportation Co	525.5	66.6	29.0	San Pedro	Tuxpan	Crude oil	15,260		
Calgarolite	10	16.15	11	7.08	11	15.45	11	17.02	British	Imperial Oil Co., Ltd	463.0	60.2	28.0	Talara	Halifax	Crude oil	11,621	8,491	6,056
Patrick Henry	11	4.15	11	8.15	11	16.55	11	16.55	American	Tampa Interocean S. S. Co	439.6	60.2	27.6	Manila	New Orleans	General	10,010	8,987	6,612
R-23[12]			11	9.05	11	16.48			American	U. S. Navy	175.0	16.0		Balboa	Cristobal				
Chas. R. McCormack	11	6.00	11	9.38	11	17.10	11	17.10	American	Chas. McCormack S. S. Co	401.0	53.0	24.3	Everett	New York	Lumber[13]	5,279	7,082	5,167
Huftero	11	9.30	11	10.11	11	17.59	11	18.30	Norwegian	Henrik Ostervoild	380.4	52.3	18.0	Manila	Boston	Hemp	3,500	5,517	3,937
Montgomery City	11	11.15	11	12.10	11	19.47	11	19.47	American	Isthmian Lines	424.2	56.2	26.0	Vancouver	Philadelphia	General	7,585	7,611	5,450
R-21[12]			11	12.28	11	19.50			American	U. S. Navy	175.0	16.0		Balboa	Cristobal				
Oregonian	12	2.00	12	7.48	12	15.35	12	16.45	American	American-Hawaiian Line	405.0	51.1	25.6	Portland	New York	Lumber, copper	6,312	5,959	4,203
J. N. Pew	12	6.00	12	8.09	12	17.00	12	17.00	American	Sun Oil Co	480.5	66.0	28.6	San Pedro	Chester, Pa.	Crude oil	13,290	9,494	6,612
Corinto	11	21.16	12	10.31	12	18.10			American	Pacific Mail Steamship Co	261.0	40.0	17.0	San Francisco	Cristobal	General	17	2,403	1,560
Mineola	12	6.00	12	13.05	12	19.45	13	9.42	American	Grace Line	298.6	40.0	15.6	Salaverry	New York	General	1,177	2,835	1,805
Mojave	12	11.45	12	13.48	12	21.15	12	21.15	American	General Petroleum Co	435.0	56.2	26.10	San Pedro	Dunkerque	Gasoline	8,611	7,434	5,066
Haarlem	12	13.50	12	14.56	12	22.42			Dutch	Royal Netherlands W. I. Mail	374.1	50.0	23.0	Valparaiso	Hamburg	General	5,155	4,759	3,660

[10] For orders. [11] 74,779 barrels [12] Submarine. [13] 5,279 tons lumber and deck load of 564,324 feet of lumber.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 528, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, May 19, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Gargoyle	12	14.40	13	6.25	13	13.52	13	17.30	American	Vacuum Oil Co	425.0	57.2	19.0	Philadelphia	San Francisco	Ballast		7,510	4,989
Herakles	12	17.35	13	7.20	13	14.26	13	15.51	Norwegian	Bruusgaard & Co	389.9	54.0	15.2	Newport News	Iquique	Ballast		5,680	4,220
Sciota [1]			13	7.45	13	15.59			American	U. S. Navy	149.3	30.0		Cristobal	Balboa	Ballast			
Defender	12	22.35	13	8.05	13	15.28	13	16.40	British	T. and J. Harrison	482.0	58.0	24.0	Liverpool	Seattle	General	7,180	8,844	6,144
Caddo	12	22.40	13	8.55	13	15.50	13	17.09	American	Standard Oil Co	414.5	55.0	21.8	New York	Los Angeles	Ballast		6,437	4,442
British Sergeant	13	6.00	13	9.30	13	16.47	13	20.40	British	British Tanker Co	400.6	54.0	18.4	Barrow	San Francisco	Ballast		6,432	3,904
Robin Goodfellow	13	11.00	13	11.10	13	18.45	13	22.05	American	Skinner & Eddy	424.8	55.2	27.6	New York	San Diego	General	8,784	7,473	5,536
Devon City	13	13.45	14	6.15	14	14.14	14	16.00	British	Reardon Smith Line	390.0	52.6	25.0	New York	Brisbane	General	7,134	5,540	4,283
Agwisun	13	16.07	14	6.55	14	14.25	14	18.30	American	Atlantic Gulf & W. I. S. S. Co	429.0	59.0	21.0	New York	Los Angeles	Ballast		7,612	5,305
Dillwyn	13	18.20	14	7.02	14	15.11	14	19.12	American	Malston Co	435.0	56.0	19.0	New York	Los Angeles	Ballast		7,441	5,180
R-24 [2]			14	7.45	14	15.09			American	U. S. Navy	175.0	16.7		Cristobal	Balboa	Ballast			
Orowaiti	14	5.30	14	8.00	14	16.00	14	21.16	British	Union Steamship Co. of N. Z.	408.6	53.0	21.0	Falmouth	San Francisco	Ballast		7,073	5,035
Tamaha	14	7.42	14	8.30	14	16.25	14	17.55	British	Standard Transportation Co	420.5	54.4	27.6	Tampico	Tocopilla	Fuel oil	8,700	6,673	4,689
Swifteagle	14	8.40	14	9.05	14	16.46	14	22.30	American	Swiftsure Oil Transport	464.0	60.0	19.6	Fall River	Los Angeles	Ballast		8,473	5,997
Corvus	14	6.28	14	10.15	14	17.36	14	23.40	American	Planet Steamship Co	410.0	54.2	24.6	Baltimore	Seattle	General, steel	7,522	6,604	4,655
Montrolite	14	10.15	14	10.40	14	18.30			British	Imperial Oil Co	421.0	57.3	17.0	Habana	Talara	Ballast		7,378	4,898
S. B. Hunt	14	15.05	15	6.24	15	12.50	15	15.40	American	Standard Oil Co	429.3	59.2	20.0	Cienfuegos	Los Angeles	Ballast		7,652	5,522
Thomas H. Wheeler	14	17.25	15	6.40	15	13.46	15	14.54	American	Standard Oil Co	425.0	57.2	19.0	New York	Los Angeles	Ballast		7,481	4,804
Charles Pratt	14	21.40	15	7.45	15	14.51	15	15.45	American	Standard Oil Co	500.0	68.0	22.0	New York	Los Angeles	Ballast		10,313	7,492
Yeifuku Maru	14	22.45	15	8.08	15	17.00	15	22.30	Japanese	Kokusai Kisen Kaisha	385.0	51.0	27.1	Philadelphia	Kobe	Iron, cotton	6,906	5,933	4,595
H. H. Rogers	15	0.35	15	8.20	15	16.07	15	17.25	American	Standard Oil Co	500.0	68.0	18.0	Charleston	Los Angeles	Ballast		10,308	7,668
Balboa	14	10.30	15	9.10	15	17.55	15	19.06	Colombian	Comp. Costanera Colombiana	190.0	29.0	14.10	Pto. Colombia	Tumaco	General, salt	474	737	335
Urubamba	8	14.03	15	10.34	15	18.04	15	19.15	Peruvian	Peruvian Line	381.0	46.0	18.10	Cristobal	Callao	General	193	4,803	2,951
Swiftwind	15	17.40	16	6.10	16	13.44	19	18.35	American	Swiftsure Oil Transport	464.0	60.0	16.0	Fall River	Los Angeles	Ballast		8,473	5,997
Halsey	15	18.38	16	7.10	16	17.33	16	22.35	American	Malston Steamship Co	435.0	56.0	20.0	New York	Los Angeles	Ballast		7,642	5,324
Marore	15	19.20	16	7.45	16	16.01	16	23.10	American	Ore Steamship Co	550.3	72.2	18.0	Baltimore	Cruz Grande	Ballast		15,551	4,297
Acajutla	5	17.55	16	8.22	16	16.48	16	19.12	British	Pacific Steam Navigation Co	215.7	33.5	17.6	Cristobal	Champerico	General	859	1,273	706
Valdura	16	6.35	16	8.58	16	18.46	16	19.41	British	Valdura Steamship Co	413.0	56.0	17.0	Newport News	Iquique	Ballast		6,101	4,358
Escoval [3]	16		17		17	8.29			Panaman	A. Flores				Cristobal	Gatun	Unknown		2	2
Mercedes [3]	16		17		17	8.29			Panaman	A. Flores				Cristobal	Gatun	Unknown		2	2
Drechtdijk [4]	15	17.48	17	6.18	17	13.45	17	15.40	Dutch	Holland-American Line	485.0	62.0	24.9	Rotterdam	Vancouver	General	6,838	10,793	7,619
Garfield	16	20.05	17	6.20	17	14.21	17	21.00	American	Grace Line	299.4	45.0	20.0	New York	Arica	General	2,364	3,256	2,010
Ningchow	16	18.25	17	7.15	17	15.09	17	16.08	British	Alfred Holt & Co	480.6	58.3	30.6	New York	Yokohama	General	10,179	9,468	6,709
Magunkook	16	8.05	17	8.25	17	15.43	18	1.50	American	Moore Dry Dock Co	340.0	48.0	14.0	New Orleans	San Francisco	Ballast		4,342	2,969
Volunteer	17	7.35	17	8.45	17	18.35			American	Tampa Interocean Line (S.B.)	410.0	56.0	31.0	Galveston	Yokohama	General	10,046	8,214	6,207
Delaware Sun	17	8.25	17	9.25	17	19.56	18	3.30	American	Sun Oil Co	480.6	66.0	21.0	Philadelphia	Los Angeles	Ballast		9,402	6,586

[1] Tug. [2] Submarine. [3] Cayuca. [4] Motor ship.

Leon XIII	15	21.53	17	10.10	17	20.14	17	21.36	Spanish	Spanish Line	412.0	46.1	21.9	Barcelona	Valparaiso	General	217	5,521	3,729
Restless[5]	17	7.15	18	6.18	18	12.50	...	.....	American	Alex. Smith Cochrane	186.0	29.0	14.0	Plymouth	Honolulu	Ballast	.....	776	287
Willsolo	17	14.30	18	6.18	18	15.06	18	18.10	American	Williams Line	435.0	57.6	26.4	Philadelphia	Seattle	General	9,037	7,983	5,882
H. M. Storey	17	14.43	18	6.30	18	14.00	18	14.50	American	Standard Oil Co	500.0	68.2	21.0	New York	Los Angeles	Ballast	.....	11,224	7,849
J. C. Donnell	17	17.23	18	7.22	18	15.34	18	16.20	American	Atlantic Refining Co	500.0	68.2	22.0	Philadelphia	Los Angeles	Ballast	.....	10,435	7,900
Teno	17	16.58	18	7.32	18	16.30	18	17.35	Chilean	Chilean Line	421.8	56.0	23.6	New York	Valparaiso	General	1,306	7,758	4,672
Langton Hall	17	12.12	18	8.00	18	15.46	18	16.37	British	Ellerman Steamship Line	403.5	54.4	28.6	Mobile	Yokohama	(7)	7,979	7,340	5,554
Woyo Maru	18	4.30	18	8.40	18	16.40	18	17.55	Japanese	Toyo Kisen Kaisha	400.0	53.0	25.0	New York	Yokohama	(8)	6,420	6,187	4,541
Oriflamme	18	6.22	18	9.18	18	17.18	18	23.50	British	Davis & Newman	400.5	51.2	18.0	Arzon	Martinez	Ballast	.....	5,930	4,178
Bohemian Club	18	8.12	18	9.32	18	17.07	18	22.30	American	Atlantic Refining Co	425.0	57.2	20.5	Philadelphia	Los Angeles	Ballast	.....	7,204	4,769
Sydney M. Hauptman	18	10.15	18	10.22	18	18.46	19	1.49	American	McCormack Intercoastal Co	401.0	53.2	26.6	New York	Seattle	General, steel	8,400	7,082	5,167
Hermion	18	10.20	18	11.00	18	19.12	18	20.24	Norwegian	Bruusgaard Kiosterud & Co	389.8	54.1	24.0	New York	Yokohama	(9)	7,200	5,746	4,232
Alameda	17	16.55	18	11.32	18	19.48	18	21.03	American	H. and Craig Co	430.0	58.2	22.6	Philadelphia	Los Angeles	Ballast	.....	7,425	5,356
Corinto	12	18.10	18	11.20	18	19.10	18	21.56	American	Pacific Mail Steamship Co	261.0	40.0	16.7	Cristobal	San Francisco	General	1,630	2,403	1,560
Astyanax	18	10.25	18	12.40	18	20.34	18	21.37	British	Alfred Holt & Co	392.3	49.2	24.0	Glasgow	Tacoma	General	5,597	5,165	3,211
Oroya	18	8.22	18	13.05	18	22.10	19	6.50	British	Pacific Steam Navigation Co	525.3	62.0	24.0	Liverpool	Valparaiso	General	4,506	13,133	9,064
Golden Rod[6]	10	.....	18	.....	18	.....	...	.....	American	J. A. Walker	29.0	7.8	.....	Cristobal	Gatun Lake	Ballast	.....	4	4
William A. McKenny	18	19.40	19	6.23	19	13.53	19	16.15	American	Crowell & Thurlow	395.0	55.1	24.6	Norfolk	Los Angeles	(10)	6,019	6,532	4,528
Amazonas	18	20.20	19	7.25	19	14.27	19	15.38	Peruvian	Peruvian Line	350.0	42.5	23.0	Cardiff	Callao	Coal	2,497	3,545	2,382
Pennsylvanian	19	1.38	19	8.15	19	15.16	19	16.15	American	American-Hawaiian Line	407.7	53.7	23.0	Boston	Los Angeles	General	5,313	7,107	4,916
Tuscaloosa City	19	8.00	19	8.40	19	16.05	19	20.34	American	U. S. Steel Products Co	424.2	56.2	26.10	Baltimore	San Diego	General, steel	8,419	7,611	5,450
Hampton Roads	17	7.00	19	13.08	19	20.30	19	21.24	American	McAllister Bros. (S. B.)	431.0	59.0	17.8	Mobile	Los Angeles	Ballast	.....	8,093	5,440

[5] Yacht. [6] Launch. [7] Steel and sulphate ammonia. [8] Iron, steel, machinery, rosin, soda and ammonia. [9] Gasoline and case oil. [10] Structural steel, railroad steel and general cargo.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Livingston Roe	13	1.00	13	7.49	13	15.03	13	15.03	American	Standard Oil Co	462.0	60.0	28.0	Los Angeles	New York	Crude oil	11,700	8,491	6,065
Canadian Cruiser	12	16.30	13	9.07	13	16.05	13	16.05	British	Canadian Government	430.0	56.0	17.6	Adelaide	Montreal	General	3,200	7,680	5,494
Patuxent[11]	...	.....	13	11.22	13	19.26	...	.....	American	U. S. Navy	156.0	24.0	.....	Balboa	Cristobal	.....	.....	.....	.....
Santa Elisa	14	5.00	14	10.15	14	16.30	14	20.35	American	Grace Line	360.3	51.7	25.0	Talcahuano	New York	General[12]	4,161	5,957	4,325
Gymeric	14	18.45	15	6.55	15	14.29	15	20.00	British	Andrew Weir & Co	419.2	54.6	26.0	San Francisco	London	Gasoline	8,543	6,501	4,459
Heathfield	14	19.00	15	7.37	15	15.25	15	15.25	British	Woods, Lylor & Brown	399.4	52.3	24.6	Portland	Montreal	Lumber[13]	6,000	5,804	4,045
Lebec	15	3.30	15	8.25	15	17.25	15	17.25	American	General Petroleum Corp	435.0	52.2	26.8	San Pedro	Philadelphia	Crude oil	9,160	7,432	5,060
Orita	15	9.00	15	12.10	15	18.43	16	6.10	British	Pacific Steam Navigation Co	485.4	58.2	25.0	Talcahuano	Liverpool	General[14]	3,336	9,936	6,561
Persian Prince	15	18.10	16	6.56	16	14.25	16	15.55	British	Prince Line	405.0	53.0	26.0	Vancouver	Havre	General	7,725	5,842	4,061
Laurel Branch	15	17.30	16	7.44	16	15.37	16	18.15	British	F. & W. Ritson	360.2	46.0	22.6	Corral	Liverpool	General	5,222	4,182	3,147
Commercial Treveller	15	16.35	16	8.19	16	16.35	16	17.50	American	Moore and MacCormack	380.3	53.1	25.0	Vancouver	New York	General[15]	6,897	5,657	4,247
F. J. Luckenbach	16	.01	16	8.32	16	15.43	16	15.43	American	Luckenbach Line	446.0	56.0	23.0	Portland	New Orleans	General	3,800	8,508	6,179
Dean Emery	16	2.00	16	9.40	16	17.47	16	17.47	American	Pan-American Pet. S. S. Co	429.3	59.2	28.0	Los Angeles	New Orleans	Crude oil	11,213	7,709	5,517
Mina Brea	15	17.05	16	9.59	16	18.30	...	.....	British	Imperial Oil Co	359.7	49.2	24.6	Talara	Habana	Fuel oil	6,000	4,437	2,717
Argon	16	6.48	16	10.40	16	19.00	16	19.00	American	Standard Transportation Co	436.6	56.2	26.5	San Pedro	New York	Crude oil	9,701	7,386	5,137

[11] Barge No. 11. [12] Copper, nitrate, and general. [13] Deck load, lumber, 1,020. [14] General and South American produce. [15] Deck load, 600,000 board feet lumber.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Merope	16	12.30	17	7.02	17	15.00	17	15.00	French	Cie. Auxiliare de Nav.	425.8	56.7	27.5	San Francisco.	Havre	Bulk gasoline	9,200	7,080	4,909
Santa Veronica.	16	13.00	17	8.00	17	15.25	17	15.25	American	Argonaut Steamship Co	251.0	43.6	25.0	Portland	Boston	(16)	3,230	2,823	1,740
John D. Archbold	16	15.00	17	8.43	17	17.42	17	17.42	American	Standard Oil Co. of N. J.	554.9	75.3	30.10	San Pedro	New York	Calif. crude oil.	21,500	14,785	10,312
John D. Rockefeller	17	9.45	17	9.58	17	18.44	17	18.44	American	Standard Oil Co. of N. J.	458.3	60.0	26.6	San Pedro	New York	Crude oil	10,388	8,633	6,314
Nordlys	17	13.00	17	14.08	17	22.16	17	23.25	Danish	Norden Steamship Co	362.0	51.5	24.0	Antofagasta	New York	Nitrate[17]	6,286	4,932	3,468
Steel Scientist	18	1.00	18	7.57	18	15.05	18	15.05	American	Isthmian Steamship Lines	424.2	56.2	23.6	Bellingham	New York	General, lumber[18]	1,732	7,611	5,454
Paul Luckenbach	18	1.15	18	8.52	18	16.35	18	16.35	American	Luckenbach Line	471.1	59.2	23.4	Portland	New York	General	7,000	9,027	6,539
James McGee	18	10.45	18	12.06	18	20.00	18	20.00	American	Standard Oil Co. of N. J.	499.1	68.2	29.6	San Pedro	New York	Crude petroleum	15,000	10,958	8,063
David McKelvy	18	11.00	18	12.28	18	21.40	19	6.20	American	Tide Water Oil Co	430.0	59.2	27.0	Los Angeles	New York	Crude oil	10,600	7,629	5,393
Walter Jennings	19	9.00	19	9.51	19	17.45	19	17.45	American	Standard Oil Co. of N. J.	499.2	68.0	31.0	San Pedro	New York	Crude oil	16,000	11,038	7,995
Honduras	19	13.30	19	14.25	19	22.36	20	10.18	French	French Line	389.9	51.3	26.5	Valparaiso	Rotterdam	Nitrate[19]	7,010	6,020	4,363
Cerro Azul	18	23.15	19	15.09	19	23.27	19	23.27	American	Huasteca Petroleum Co	498.0	65.0	28.9	San Pedro	New Orleans	Crude oil	13,600	9,398	6,453

[16] Refined copper and fir lumber. [17] Nitrate and copper ore. [18] Steel, 1,732 tons; lumber 1,919,419 board feet. [19] Nitrate, cocao, corozo.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
May 13	Abangarez	United Fruit Co	New Orleans via Habana.
May 13	Pastores	United Fruit Co	Port Limon.
May 13	Cristobal	Panama Railroad Steamship Line	New York via Haiti.
May 15	San Benito	United Fruit Co	Boston via Habana.
May 15	Ulua	United Fruit Co	New York via Habana.
May 15	Leon XIII	Spanish Line	Barcelona via wayports.
May 15	Orion[20]	U. S. Navy	Hampton Roads.
May 16	Cartago	United Fruit Co	New Orleans via Habana.
May 16	Carrillo	United Fruit Co	New York via Kingston.
May 17	Sixaola	United Fruit Co	Colombia.
May 17	Abangarez	United Fruit Co	Bocas.

*DEPARTURES.

Date.	Vessel.	Line.	For—
May 13	Pastores	United Fruit Co	New York via Habana.
May 13	Reina Maria Cristina.	Spanish Line	Savanilla.
May 14	Abangarez	United Fruit Co	Bocas.
May 16	Ulua	United Fruit Co	Port Limon.
May 16	San Benito	United Fruit Co	Boston via wayports.
May 17	Carrillo	United Fruit Co	Colombia.
May 17	Cartago	United Fruit Co	New Orleans via wayports.
May 17	Sixaola	United Fruit Co	New York via Kingston.
May 17	Abangarez	United Fruit Co	New Orleans.
May 18	Orion[20]	U. S. Navy	Hampton Roads.

[20] Collier.

PORT OF BALBOA.

May 14	Talamanca	United Fruit Co	La Palma.
May 17	Depere	General Steamship Corp	Antofagasta.
May 17	Coalinga	Union Oil Co. of California	Port San Luis.

May 17	Depere	General Steamship Corp	Tacoma.
May 18	Coalinga	Union Oil Co. of California	Los Angeles.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, May 26, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Frederic R. Kellogg	19	21.00	20	6.20	20	15.19	20	16.31	American	Pan-American Pet. & Transp. Co.	425.8	57.0	19.9	New Orleans	Los Angeles	General, asphalt.	202	7,178	4,963
Tekoa	20	0.46	20	7.25	20	16.15	20	17.07	British	New Zealand Shipping Co	460.6	62.8	29.0	Liverpool	Auckland	General	7,789	10,259	7,092
Lewis Luckenbach	20	6.28	20	7.53	20	17.04	20	18.00	American	Luckenbach Line	496.0	68.2	28.9	Boston	Seattle	General	11,580	11,487	8,762
Belfast Maru	20	8.05	20	9.35	20	17.54	21	2.39	Japanese	Kabushiki Kisen Kawasaki	405.0	53.0	24.0	Glasgow	Antofagasta	Coke	5,100	7,043	5,077
Olaf L. Kongsted	19	15.15	20	10.55	20	18.39	21	16.20	Danish	Triton Steamship Co	325.0	47.0	17.7	New Orleans	Talcahuano	General	2,024	3,304	2,339
Richconcal	20	12.50	20	12.55	20	19.31	20	20.40	American	Beacon Oil Co	435.0	56.0	19.0	Boston	Los Angeles	Ballast	.....	7,481	5,119
Madison	20	18.37	21	6.40	21	16.28	22	11.59	American	Archibold M. Ostorm	428.9	47.7	29.0	New Orleans	Seattle	General	5,261	5,129	3,251
Agwismith	20	18.42	21	7.25	21	16.40	21	20.51	American	Atlantic Gulf & W. I. S. S. Co.	499.9	68.1	19.0	New York	Los Angeles	Ballast	.....	10,600	7,447
Nevadan	21	0.30	21	7.30	21	17.30	21	19.40	American	American-Hawaiian Line	368.6	55.2	26.0	Jacksonville	Los Angeles	General	6,000	5,671	3,627
Agwipond	21	6.20	21	8.50	21	18.48	22	1.12	American	Atlantic Gulf & W. I. S. S. Co.	468.3	62.7	19.0	Baltimore	Los Angeles	Ballast	.....	9,810	7,018
Liss	21	6.40	21	9.15	21	19.27	21	23.25	Norwegian	Arthur W. Mathersen	400.2	53.0	21.9	Christiania	Los Angeles	Ballast	.....	6,147	4,066
Scottish Minstrel	21	7.45	21	10.05	21	20.16	21	21.26	British	Anglo-Saxon Petroleum Co.	425.3	57.0	21.7	Lisbon	Los Angeles	Ballast	.....	7,123	4,962
Notre Dame de Fourviere	4-27	7.05	21	12.30	21	21.08	22	13.34	French	Cle. de Navigation Mixte	440.0	58.0	25.1	Port Arthur	Shanghai	General	8,189	8,043	5,454
Edward L. Doheny, Jr.	21	15.40	22	6.08	22	14.24	22	15.34	American	Pan-American Pet. & Transp. Co.	467.6	62.7	22.0	New Orleans	Los Angeles	Ballast	.....	9,423	6,989
Alkmaar	20	23.00	22	7.20	22	14.30	22	21.58	Dutch	Royal Netherlands W. I. Mail	447.0	62.0	19.0	Hamburg	Corral	General	4,864	9,505	6,644
Sicania	21	11.02	22	7.35	22	15.53	22	17.03	Italian	La Veloce Line	338.9	46.2	18.7	Genoa	Valparaiso	General	600	4,500	3,523
Lena Luckenbach	21	18.25	22	7.55	22	16.28	22	17.27	American	Luckenbach Line	425.0	53.8	29.6	New Orleans	Los Angeles	General	9,084	7,217	5,295
Utacarbon	21	20.35	22	8.35	22	16.46	22	17.47	American	Union Oil Co	435.0	56.0	21.0	Baltimore	Los Angeles	Ballast	.....	7,481	5,195
Swiftlight	21	20.50	22	9.05	22	17.17	22	23.16	American	Swiftsure Oil Co	464.0	60.0	20.0	Philadelphia	Los Angeles	Ballast	.....	8,473	6,050
Fred W. Weller	22	6.20	22	9.57	22	17.40	22	18.45	American	Standard Oil Co	500.0	68.0	19.0	Baltimore	Los Angeles	Ballast	.....	10,928	7,710
President Harrison	22	6.35	22	10.41	22	18.30	23	7.50	American	Swayne & Hoyt (S. B.)	502.1	62.2	24.3	Buenos Aires	Seattle	(2)	4,572	12,031	8,495
Borga[1]	22	1.50	22	11.04	22	19.21	23	13.40	Norwegian	Peter Olsen	362.4	51.4	22.7	Christiania	San Francisco	General	6,300	5,242	3,706
E. T. Bedford	22	12.17	22	12.20	22	20.21	22	21.27	American	Standard Oil Co	499.0	68.0	17.10	Charleston	Los Angeles	Ballast	.....	11,009	7,967
Cathwood	22	12.55	22	13.00	22	21.05	22	22.30	American	Union Oil Co	435.0	56.0	22.0	Fall River	Los Angeles	Ballast	.....	7,481	5,194
Eagle	22	7.48	22	13.19	22	21.55	22	22.58	American	Standard Transportation Co	410.0	56.0	27.3	Baltimore	Seattle	General	9,139	8,243	6,266
Manitowoc	22	15.04	23	6.23	23	14.05	23	15.14	American	Moore & McCormack	390.1	52.1	24.0	Baltimore	San Francisco	General	5,580	4,991	3,544
Alaska Maru	23	0.40	23	7.25	23	15.03	23	17.30	Japanese	Osaka Shosen Kaisha	420.0	56.0	27.2	New York	Singapore	General	7,750	7,775	5,641
Tuxpanoil	23	2.10	23	7.35	23	15.47	23	21.40	American	McAllister Bros. (S. B.)	431.0	59.2	19.0	Philadelphia	Los Angeles	Ballast	.....	7,862	4,979
Hugoton	23	4.30	23	8.50	23	16.52	23	20.55	American	C. D. Mallory	434.8	56.2	16.6	New York	Los Angeles	Ballast	.....	7,429	5,141
W. F. Burdell	23	6.35	23	10.50	23	17.45	24	10.32	American	Pure Oil Co	435.0	56.0	21.0	Mobile	Los Angeles	Ballast	.....	7,434	5,093

[1] Motor ship.

[2] Hides, coffee, and fertilizer.

Victolite	23	10.28	23	11.20	23	18.45	24	.43	British	Imperial Oil Co	500.4	68.7	23.0	Montreal	Los Angeles	Ballast		11,049	7,732
Chuky	23	6.24	23	12.05	23	19.54	23	20.55	British	Sheridan Steamship Co	440.8	56.0	26.10	Tampico	Tocopilla	Crude oil	9,618	7,691	4,723
Santa Ana	23	19.27	24	6.12	24	13.43	24	16.35	American	Grace Line	360.2	51.6	22.8	New York	Talcahuano	General	2,193	5,776	4,081
Iwatesan Maru	24	3.35	24	6.50	24	14.45	24	16.50	Japanese	Mitsui Bussan Kaisha	385.0	51.0	27.6	New York	Kobe	Gen., steel rails	7,580	5,989	4,229
Steel Trader	24	5.33	24	7.30	24	15.46	24	21.16	American	U. S. Steel Products Co	424.2	56.2	25.10	New York	San Diego	General	8,430	7,611	5,450
Lehigh	24	8.05	24	8.20	24	16.24	24	23.00	American	North Atlantic & Western (S.B.)	390.0	54.2	21.0	Portland	Seattle	General, steel	5,187	6,142	4,276
Cardena	24	4.02	24	9.20	24	16.33	25	9.45	British	Union Steamship Co	226.8	37.0	12.0	Glasgow	Vancouver	Ballast		1,667	1,012
Alvarado	19	7.13	24	9.26	24	17.37	24	22.45	British	Pacific Steam Navigation Co	303.0	43.0	17.3	New York	Guayaquil	General	1,070	2,844	1,748
Atto	24	11.05	24	11.15	24	17.46	24	18.50	German	Roland Line	360.0	51.0	23.0	Hamburg	Corral	General	3,600	4,805	3,400
Huasco	20	17.17	24	11.43	24	18.27	24	21.14	Chilean	Chilean Line	379.7	44.3	20.8	Cristobal	Valparaiso	General	780	4,552	3,182
City of Bagdad	24	11.50	24	12.05	24	19.35	24	21.16	British	Montgomery & Workman	470.3	58.0	27.0	New York	Freemantle	General	5,830	8,497	5,984
Nora	24	12.20	24	12.30	24	20.21	24	21.26	American	Grace Line	467.6	62.7	20.0	New York	Los Angeles	Ballast		9,918	7,468
Californian [3]	24	12.40	24	12.50	24	21.16	24	22.15	American	American-Hawaiian Line	445.1	59.8	24.0	Boston	Los Angeles	General	8,000	8,567	6,020
Remuera	24	13.50	24	14.10	24	22.00	25	17.30	British	New Zealand Shipping Co	485.0	62.3	22.6	London	Auckland	General	3,000	11,717	8,751
D. G. Scofield	24	19.30	25	6.14	25	13.51	25	15.05	American	Standard Oil Co	439.5	58.0	20.0	Philadelphia	San Francisco	Ballast		8,698	6,040
Fantome II [4]	24	17.00	25	6.20	25	14.32	.....	.....	British	A. E. Guinness	167.2	28.8	13.0	Pto. Colombia	Galapagos Is.	Ballast		585	457
Santa Rosa	24	22.35	25	7.35	25	15.49	25	19.26	American	Grace Line	404.0	53.0	28.4	Baltimore	Los Angeles	General, steel	7,545	6,754	4,780
Lompoc	25	2.37	25	7.35	25	16.36	25	18.00	British	C. T. Bowring & Co	440.0	55.6	20.0	Tampico	Los Angeles	Ballast		7,496	5,311
Julia Luckenbach	25	5.30	25	8.00	25	17.30	25	18.40	American	Luckenbach Line	438.0	57.0	28.0	Boston	Seattle	General	8,174	8,543	6,402
W. C. Teagle	25	5.32	25	8.30	25	18.53	25	19.54	American	Standard Oil Co	499.1	68.2	19.0	New York	Los Angeles	Ballast		10,991	7,908
City of Winchester	25	5.45	25	9.05	25	19.46	25	20.50	British	Ellerman Hall Line	456.0	58.0	24.0	New York	Melbourne	General	9,604	8,783	6,603
Fairfield City	25	6.25	25	10.00	25	20.30	25	21.36	American	U. S. Steel Products Co	442.2	56.0	25.11	Philadelphia	Yokohama	General	7,935	7,611	5,450
Howra	25	6.50	25	10.19	25	21.32	28	16.50	British	British India Steam Nav. Co.	412.2	55.0	28.4	Newcastle	Melbourne	General	7,942	7,377	5,232
Matinicock	25	6.52	25	11.58	25	22.14	25	23.30	American	Standard Oil Co	459.1	60.0	26.0	New York	Los Angeles	Ballast		8,171	5,882
British Workman	25	11.02	25	12.04	25	23.00	26	3.05	British	British Tanker Co	440.4	57.0	20.0	Grainsmouth	San Francisco	Ballast		7,707	5,028
Monticello	25	11.03	25	12.18	25	24.00	26	1.15	American	American-Hawaiian Line	468.5	58.5	28.4	Baltimore	Seattle	General	11,000	7,975	5,412
Eelbeck	24	15.08	25	12.55	26	0.50	26	1.57	American	Barber Line (S. B.)	401.7	54.8	25.6	New York	Shanghai	General	7,848	6,928	5,103
Saint Louis	25	2.25	25	13.15	26	1.30	26	2.25	French	French Line	389.0	50.0	16.0	Havre	Valparaiso	General	718	5,857	4,166
Port Augusta	25	6.10	25	13.30	26	2.15	26	15.19	British	Commonwealth & Dom. Line	380.0	49.0	22.6	London	Freemantle	General	3,129	5,192	3,854
Robert Dollar	25	19.35	26	6.22	26	13.48	26	18.45	British	Dollar Line	523.5	65.7	29.0	New York	San Francisco	(5)	8,429	12,370	8,885
Epsom	25	20.27	26	6.48	26	14.31	26	16.40	British	Watts, Watts & Co	370.0	50.0	18.8	Norfolk	Pisagua	Coal	2,034	4,945	3,468
A. C. Bedford	26	4.00	26	7.30	26	14.45	26	15.57	American	Standard Oil Co	500.0	68.0	17.0	New York	Los Angeles	Ballast		10,896	7,615
J. W. Van Dyke	26	5.27	26	8.10	26	15.35	26	16.55	American	Atlantic Refining Co	435.0	56.0	19.6	Philadelphia	Los Angeles	Ballast		7,460	5,215
Huguenot	24	9.40	26	9.18	26	16.36	26	17.47	American	McAllister Bros. (S. B.)	434.8	56.2	22.10	Pensacola	Los Angeles	Ballast		7,394	5,099
Gothic Prince	26	9.25	26	9.45	26	17.10	27	11.10	British	Prince Line, Ltd	448.1	57.2	24.9	New York	Shanghai	General	7,817	9,082	6,701
York City	26	4.03	26	10.35	26	18.07	28	9.40	British	St. Just Steamship Co	411.8	55.0	27.0	Newcastle	San Francisco	General	9,000	7,038	5,166
Shreveport	26	11.28	26	11.50	26	18.50	27	2.00	American	Walker & Daly (S. B.)	435.0	56.0	20.5	New York	Los Angeles	Ballast		7,411	5,103
Vermont	25	21.25	26	12.02	26	19.40	26	20.40	French	French Line	400.3	52.3	19.0	Havre	San Francisco	General	1,760	.....	.....
Colombia	25	14.38	26	12.07	26	21.00	27	13.15	American	Pacific Mail Steamship Co	380.0	48.8	21.8	New York	San Francisco	General	2,707	6,015	4,281

[3] Motor ship. [4] Yacht. [5] Kerosene, gasoline, and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

F. Q. Barstow	19	17.00	20	6.55	20	15.33	20	15.33	American	Standard Oil Co	500.0	68.2	30.0	Los Angeles	New York	Crude oil	14,719	10,530	7,604
British Light	19	20.00	20	7.48	20	16.10	20	18.03	British	B. Franklin, Ltd	419.0	54.3	25.6	Los Angeles	Tampico	Crude oil	8,559	6,763	4,314
Swiftscout	19	19.15	20	7.48	20	16.40	20	16.40	American	C. D. Mallory & Co	464.0	60.2	27.0	Los Angeles	Fall River	Crude oil	12,000	8,479	6,104

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Siam[6]	20	5.00	20	8.45	20	17.43	20	23.20	Danish	East Asiatic Co	410.0	55.0	25.4	Seattle	Copenhagen	General	7,174	7,068	5,303
Huasco	20	6.00	20	9.58	20	17.07	24	11.43	Chilean	Chilean Line	380.0	44.0	21.0	Talcahuano	Cristobal	General	27	4,552	3,182
Cerro Ebano	20	6.10	20	10.15	20	18.03	20	18.00	American	Huasteca Petroleum Co	480.5	66.0	28.8	Los Angeles	New Orleans	Crude oil	13,300	9,389	6,453
San Fabian	20	5.30	20	11.24	20	19.38	20	19.38	British	Anglo-Mexican Petroleum Co	530.5	69.4	31.6	Los Angeles	Tuxpan	Crude oil	18,000	13,554	9,614
Moerdijk	20	.....	20	11.30	20	20.20	21	0.28	Dutch	Holland-American Line	472.0	63.0	26.0	Vancouver	Rotterdam	General	9,495	9,165	7,056
Imlay	20	6.00	20	12.02	20	21.55	20	21.55	American	Walker and Daly	425.8	57.0	24.6	Los Angeles	Fall River	Crude oil	9,990	7,217	4,958
Floridian	20	2.00	20	12.59	20	20.31	20	20.31	American	American-Hawaiian Line	415.0	53.7	24.5	San Francisco	New York	General	5,737	7,273	5,105
Tulsagas	19	24.00	20	15.10	20	23.17	20	23.17	American	McAllister Bros	431.0	59.3	26.0	Los Angeles	New York	Crude oil	10,000	7,817	4,961
Ruahine	20	7.00	21	7.10	21	14.34	21	21.10	British	New Zealand Shipping Co	480.1	60.1	27.0	Wellington	London	General, frozen	5,401	11,027	8,188
Lillian Luckenbach	20	14.45	21	7.49	21	14.13	21	15.13	American	Luckenbach Line	448.9	60.2	25.0	San Francisco	New York	General	6,000	9,294	6,865
George Allen	20	15.37	21	8.49	21	16.03	21	16.13	American	Garland Steamship Corporation	383.3	51.2	23.8	Seattle	New York	(8)	5,789	6,224	4,465
Lobos	20	15.30	21	8.59	21	16.35	23	14.49	British	Pacific Steam Navigation Co	404.7	54.2	24.0	Talcahuano	London	General	6,849	7,151	4,756
Archer	20	21.00	21	9.47	21	17.42	21	17.42	American	Barber Line	440.0	56.0	28.0	Cebu	New York	Sugar, general	9,453	8,315	6,100
Lubeck	21	5.00	21	9.59	21	19.13	22	1.05	German	Kosmos Line	351.1	14.2	22.1	Champerico	Hamburg	(9)	3,578	4,429	2,753
District of Columbia	20	18.40	21	12.13	21	19.50	21	19.50	American	Walker and Daly	431.0	59.2	25.0	Los Angeles	Fall River	Crude oil	10,500	8,097	5,362
Houma	20	19.15	21	13.41	21	22.32	21	22.32	American	McAllister Bros	434.8	56.2	27.3	Los Angeles	New York	Standard oil	10,537	7,425	5,168
Almagro	21	4.35	22	7.04	22	14.30	22	23.20	British	Pacific Steam Navigation Co	303.0	43.0	26.0	Guayaquil	New York	(10)	1,585	2,878	1,714
Talamanca	14	3.45	22	7.05	22	16.00	22	16.00	Panaman	United Fruit Co	58.3	16.0	9.0	La Palma	Cristobal	Ballast	.....	40	27
Isis	21	22.00	22	7.57	22	15.55	22	16.00	German	Kosmos Line	376.0	51.0	24.6	Corral	Hamburg	General	6,530	5,788	4,027
Royal Arrow	22	5.15	22	8.57	22	17.10	22	17.10	American	Standard Transportation Co	467.6	62.7	28.0	Los Angeles	New York	Gasoline	11,003	9,699	6,895
Davanger	22	6.30	22	9.09	22	17.25	22	17.25	Norwegian	Anglo-Saxon Petroleum Co	425.0	56.8	26.6	Los Angeles	Tampico	Crude oil	9,760	7,125	4,916
Venezuela	22	6.30	22	12.01	22	19.15	23	21.07	American	Pacific Mail Steamship Co	380.0	48.7	24.9	San Francisco	New York	General, coffee	3,300	6,033	4,353
Point Lobos	22	7.00	22	14.03	22	20.25	22	20.25	American	Swayne & Hoyt, Inc	289.0	44.0	18.0	Anacortes	New Orleans	General	2,500	2,894	1,967
Panaman	22	15.11	23	11.46	23	18.20	23	18.20	American	American-Hawaiian Line	407.7	53.7	21.0	Seattle	Boston	General	5,300	7,098	5,029
Venezuela	23	11.50	23	12.43	23	19.40	27	18.12	Italian	La Veloce Steamship Line	420.0	51.6	21.6	Valparaiso	Genoa	(11)	650	7,622	5,051
Connie[7]	.....	.....	23	12.48	23	20.50	.....	.....	American	G. S. Edwards & F. McKinn	23.0	5.9	3.0	Balboa	Cristobal	.....	.....	3	1
Ipswich	23	12.29	23	14.03	23	20.50	23	20.50	American	United American Lines	400.7	54.0	22.6	Seattle	New Orleans	General	5,884	6,616	4,614
Bethore	22	21.48	23	14.39	24	17.18	24	18.01	American	Ore Steamship Co	554.3	72.2	32.6	Cruz Grande	New York	Iron ore	19,600	15,476	4,354
Clement Smith	23	12.00	24	7.28	24	18.22	24	18.22	American	Oil Transport Co	431.0	59.2	27.3	Los Angeles	Fall River	Crude oil	(12)	8,097	5,263
Aconcagua	24	5.27	24	8.53	24	17.50	25	2.35	Chilean	Chilean Line	422.8	56.2	26.6	Valparaiso	New York	General	2,182	7,758	4,705
Habana Maru	24	6.35	24	9.03	24	18.40	24	19.38	Japanese	Osaka Shosen Kaisha	407.2	50.8	22.0	Singapore	New York	General	5,840	6,234	4,500
Byron D. Benson	23	23.50	24	10.15	24	19.30	24	19.45	American	Tidewater Oil Co	465.4	60.2	28.0	Los Angeles	New York	Crude oil, bulk	12,000	8,546	6,095
Standard	24	11.00	24	12.10	24	21.07	24	21.07	American	Standard Oil Co	523.8	69.0	30.6	Los Angeles	New York	Crude oil	16,546	12,171	8,673
W. S. Rheem	24	11.40	24	12.25	24	22.17	24	22.17	American	Standard Oil Co	500.0	68.2	29.6	Los Angeles	New York	Crude oil	14,900	11,224	7,860
J. A. Moffett, Jr.	24	20.00	25	7.44	25	17.25	25	17.25	American	Standard Oil Co	499.2	68.1	31.0	Los Angeles	New York	Fuel oil	15,000	11,036	7,995
Chattanooga City	24	21.00	25	8.00	25	17.53	25	17.53	American	Isthmian Lines	424.2	56.2	22.0	(13)	Boston	General, lumber	6,183	7,611	5,450

[6] Motor ship. [7] Launch. [8] Lumber and copper bullion; deck load 389,740 board feet lumber. [9] Coffee, sugar, hides, honey, deck load, wood 75 tons. [10] Cocoa, coffee, hides, etc. [11] Copper ore, nitrates, ivory nuts. [12] 75,635 barrels. [13] U. S. Pacific ports.

San Gregorio	24	21.55	25	8.41	25	18.40	25	18.40	British	Eagle Oil Transport Co	527.0	66.0	29.0	Los Angeles	Tampico	Crude oil	14,532	12,136	9,042
Hoven	24	21.30	25	9.52	25	19.40	26	5.00	American	Walker & Daly	453.0	56.0	26.10	Los Angeles	New York	Crude oil	9,600	7,426	5,144
Samaria	25	5.21	25	1.54	25	20.15	26	6.23	British	Cunard Steamship Co	601.0	73.0	25.2	Yokohama	New York	Ballast	.....	21,672	15,675
Sabine Sun	25	11.00	25	11.55	25	21.04	25	23.40	American	Sun Oil Co	429.3	59.2	28.0	Los Angeles	Chester	Crude oil	10,500	7,621	5,782
Samuel Q. Brown	25	3.00	25	12.50	25	22.07	25	22.07	American	Tidewater Oil Co	424.4	58.2	25.6	Los Angeles	New York	Crude oil	10,000	7,333	5,246
Astronomer	25	12.00	25	14.27	25	23.15	25	23.15	British	Harrison Line	482.7	58.2	27.6	San Francisco	London	General	10,600	8,898	6,334
Carolyn	25	12.30	25	15.10	26	.40	26	12.25	American	A. H. Bull & Co	313.6	46.1	18.0	Grays Harbor	New York	Lumber	(14)	3,644	2,566
W. E. Hutton	25	9.00	25	15.49	26	11.15	26	14.55	American	Pure Oil Steamship Co	435.0	56.0	25.0	Los Angeles	Boston	Crude oil	10,300	7,481	5,120
Bethelridge	25	6.30	26	7.04	26	16.05	26	18.25	American	Walker & Daly	431.0	59.2	23.10	Los Angeles	New York	Fuel oil	9,323	7,819	5,007
Ansaldo San Giorgio I	25	7.30	26	8.10	26	16.10	26	16.10	Italian	Saturno, Otello	385.0	49.0	16.6	Valparaiso	Genoa	General	1,990	5,657	3,974
Tiger	26	7.30	26	8.55	26	16.37	26	16.37	American	Standard Oil Co	410.0	56.0	25.6	Seattle	New York	General, lumber	7,800	8,243	6,312

[14] 2,095,715 board feet lumber, lathes, shingles.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
May 20	Atenas	United Fruit Co	New Orleans via Habana.
May 20	Amassia	Hamburg-American Line	Hamburg.
May 20	Ulua	United Fruit Co	Port Limon.
May 22	Camden	United Fruit Co	Tampico.
May 22	San Bruno	United Fruit Co	Boston via Habana.
May 22	Toloa	United Fruit Co	New York via Habana.
May 22	Perou	French Line	Havre via wayports.
May 22	Asian	Leyland Line	Liverpool via wayports.
May 22	St. Mihiel[15]	U. S. Army	New York.
May 22	Heredia	United Fruit Co	New Orleans via Habana.
May 23	Ulysses	Panama Railroad Steamship Line	Norfolk.
May 23	Tivives	United Fruit Co	New York via Kingston.
May 24	Carrillo	United Fruit Co	Colombia.
May 24	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
May 24	Atenas	United Fruit Co	Bocas.
May 26	Camito	Elders & Fyffes Line	Port Limon.

*DEPARTURES.

Date.	Vessel.	Line.	For—
May 20	Ulua	United Fruit Co	New York via Habana.
May 21	Atenas	United Fruit Co	Bocas.
May 21	Amassia	Hamburg-American Line	Port Limon.
May 23	San Bruno	United Fruit Co	Boston via Limon.
May 23	Toloa	United Fruit Co	Port Limon.
May 24	Camden	United Fruit Co	Tampico.
May 24	Tivives	United Fruit Co	Colombia.
May 24	Carrillo	United Fruit Co	New York via Kingston.
May 24	Heredia	United Fruit Co	New Orleans via wayports
May 24	Asian	Leyland Line	Palo Alto.
May 25	Perou	French Line	Havre via wayports.
May 25	Atenas	United Fruit Co	New Orleans.
May 26	Camito	Elders & Fyffes Line	Bristol via Bermuda.
May 26	St. Mihiel[15]	U. S. Army	New York.

[15] Transport.

PORT OF BALBOA.

Date.	Vessel.	Line.	From—
May 19	Laura C. Hall	Pacific Metals Corporation	Buenaventura.
May 21	Marinula	Anglo-Saxon Petroleum Co	Martinez, Col.
May 23	San Lamberto	Anglo-Mexican Petroleum Co	Los Angeles.

Date.	Vessel.	Line.	For—
May 23	Laura C. Hall	Pacific Metals Corporation	Buenaventura.
May 23	Marinula	Anglo-Saxon Petroleum Co	Los Angeles.
May 25	San Lamberto	Anglo-Mexican Petroleum Co	Los Angeles.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, June 2, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Willfaro	26	16.37	27	6.45	27	13.35	27	18.05	American	Williams Steamship Co	386.8	52.2	24.0	New York	Seattle	General, steel	5,959	5,684	4,113
Acasta	26	17.30	27	7.45	27	14.27	27	18.45	British	Anglo-Saxon Petroleum Co	400.0	52.4	19.6	Cardiff	Los Angeles	Ballast	.....	6,134	4,604
Arawa	26	20.10	27	7.55	27	15.37	28	1.45	British	Shaw, Saville & Albion Co	459.5	60.5	28.0	London	Auckland	General	4,866	10,035	7,504
Centaurus	27	7.32	27	8.40	27	16.36	27	22.20	American	Planet Steamship Co	409.8	54.2	24.1	New York	San Francisco	General, steel	7,554	6,581	4,795
W. W. Mills	27	15.10	28	6.35	28	13.53	28	18.50	American	Pure Oil Steamship Co	424.4	58.2	17.6	Chester	Los Angeles	Ballast	.....	7,333	5,119
Munrio	27	15.13	28	7.15	28	15.46	28	21.40	American	Munson Line	333.6	48.2	22.6	Baltimore	Los Angeles	General	5,060	4,165	3,066
Golden Gate	27	20.09	28	8.50	28	16.25	28	21.46	Norwegian	Knut Knutsen & Co	381.5	53.1	21.6	Matanzas	Vancouver	Sugar	5,250	5,616	3,879
Cecil County	27	23.15	28	10.40	28	18.24	28	19.30	American	Walker & Daly (S. B.)	431.0	59.2	19.9	Fall River	Los Angeles	Ballast	.....	8,097	5,261
Talamanca [1]	27	.....	28	6.10	28	15.46	29	.20	Panaman	United Fruit Co	58.3	16.0	....	Colon	Balboa	Ballast	.....	40	27
Seine Maru	28	17.55	29	6.50	29	14.26	29	15.36	Japanese	Teikoku Kisen K. K	425.0	56.0	19.6	Norfolk	San Francisco	Ballast	.....	7,164	5,415
Winnebago	29	3.40	29	9.05	29	16.35	29	18.36	American	Winnebago Steamship Co	360.7	48.2	25.4	Baltimore	Seattle	Coal	5,229	4,762	3,373
J. N. Pew	29	18.33	30	6.16	30	14.10	30	18.15	American	Sun Oil Co	480.5	66.0	29.4	Philadelphia	Los Angeles	Ballast	.....	9,494	6,612
Orinoco	30	0.01	30	7.20	30	16.08	30	17.43	American	Oriental Navigation Co	376.4	52.3	24.1	New York	Bremerton	Coal	6,785	5,455	3,902
Agwiworld	30	3.35	30	8.00	30	15.08	30	19.58	American	Atlantic Gulf & W. I. S. S. Co	429.3	59.2	19.0	Boston	Los Angeles	Ballast	.....	7,624	5,224
Robin Adair	30	9.10	30	9.25	30	17.02	31	0.55	American	Seas Shipping Co	424.8	55.2	28.0	Baltimore	Seattle	General, steel	8,512	7,470	5,529
Stanley Dollar	30	2.10	30	10.00	30	17.39	30	18.53	American	Dollar Line	401.4	54.0	23.8	New York	San Francisco	General	6,000	6,598	4,704
Gen. O. H. Ernst	29	0.50	30	10.05	30	18.25	31	18.00	American	Panama Railroad Steamship Line	356.4	45.3	20.8	New York	Guayaquil	General	1,790	4,503	2,764
Sudbury	30	10.05	30	10.25	30	19.15	30	23.35	American	Shawmut Steamship Co	384.8	51.2	24.0	New Orleans	Seattle	General	6,560	5,571	4,033
Livingstone Roe	30	10.20	30	11.17	30	20.03	30	21.19	American	Standard Oil Co	462.0	60.2	21.6	Baltimore	Los Angeles	Ballast	.....	8,491	6,065
City of Dunkirk	29	22.10	30	12.25	30	20.55	30	22.05	British	Ellerman Hall Line	420.7	54.3	25.6	New York	Shanghai	General	7,762	7,108	5,420
Eldorado	31	2.00	31	6.20	31	13.45	31	18.30	American	Western Transport Co	245.6	42.0	17.6	New Orleans	Seattle	General	2,400	2,439	1,662
Mexico Maru	31	4.00	31	7.28	31	14.37	31	15.45	Japanese	Osaka Shosen Kaisha	400.0	51.8	25.5	Buenos Aires	Yokohama	Miscellaneous	3,678	6,067	4,230
Solana	31	4.07	31	7.55	31	15.44	31	21.50	American	Pacific Mail Steamship Co	419.5	56.5	21.0	Fall River	Los Angeles	Ballast	.....	7,060	5,025
Mantaro	27	18.05	31	10.45	31	16.52	31	23.25	Peruvian	Peruvian Line	360.3	45.0	16.9	Cristobal	Callao	General	399	4,838	2,959
Ansaldo San Giorgio II	30	16.07	31	11.24	31	17.55	6-1	0.05	Italian	Societa Nazionale di Navigazione	391.0	52.0	15.10	Genoa	Valparaiso	General	1,108	5,591	3,975
Brielle	30	20.02	31	12.41	31	19.05	31	20.14	Dutch	Royal Netherlands W. I. Mail	402.0	58.2	20.0	Hamburg	Corral	General	3,447	7,322	5,254
Sirius	27	9.10	6-1	6.20	6-1	13.35	6-3	11.25	American	U. S. Navy	401.7	54.0	21.7	Hampton Rds.	Puget Sound	Naval cargo	2,554	.....	.....
Tsuyama Maru	6-1	3.05	1	7.15	1	15.13	1	16.35	Japanese	Nippon Yusen Kaisha	445.0	58.0	23.0	New York	Yokohama	General	5,800	7,651	5,425
Rotarian	1	8.35	1	8.45	1	16.02	1	18.32	American	Wessel Duval & Co. (S. B.)	380.3	53.1	16.6	New York	Talcahuano	Coal, general	1,602	5,660	4,059
Amasis	1	6.30	1	9.54	1	16.43	1	18.10	German	Kosmos Line	438.4	55.4	19.0	Hamburg	Corral	General	2,425	.....	.....
Cauca	27	16.15	1	11.40	1	19.01	1	21.03	British	Pacific Steam Navigation Co	246.0	35.0	15.4	Cristobal	Champerico	General	812	1,589	1,118
Malmanger	31	22.53	1	11.55	1	17.46	1	23.30	Norwegian	Wertfal Larsen & Co	425.1	57.0	19.6	Rotterdam	Los Angeles	Ballast	.....	7,084	4,940
G. Harrison Smith	6-1	12.45	1	13.00	1	20.44	1	21.51	British	International Petroleum Co	550.6	72.0	25.0	New York	Los Angeles	Ballast	.....	15,476	11,102
Steel Voyager	1	13.15	1	13.25	1	21.26	1	22.26	American	Isthmian Lines	395.5	55.0	27.0	New Orleans	Manila	General	7,934	7,285	5,256

[1] Motor schooner.

Edgar F. Luckenbach	1	13.20	1	13.35	1	22.16	1	23.20	American	Luckenbach Line	425.0	57.3	30.3	Mobile	Los Angeles	General	9,581	8,568	6,565
Harry Luckenbach	1	15.15	2	6.20	2	14.22	2	15.25	American	Luckenbach Line	448.9	60.0	31.0	New York	Seattle	General	9,900	9,262	6,853
Franklin K. Lane	1	16.42	2	7.23	2	15.07	2	16.25	American	Pan-American Pet. & Trans. Co.	435.0	56.2	30.0	Perth Amboy	San Francisco	Ballast	.....	7,405	5,131
Calgarolite	1	17.18	2	8.00	2	16.00	2	17.09	British	Imperial Oil Co.	463.3	60.2	8.2	Halifax	Talara	Ballast	.....	8,491	6,096
Peter Kerr	2	2.50	2	8.47	2	16.57	2	21.40	American	Columbia Pacific S. S. Co.	415.0	55.7	8.0	Boston	Everett	General	7,800	7,704	5,707
Niels Nielsen	1	6.55	2	9.50	2	17.41	2	22.35	Norwegian	B. Stolt Nielsen & Co.	411.6	54.2	17.0	Newport News	Los Angeles	Ballast	.....	6,623	5,062
Castle Point	2	8.25	2	10.02	2	18.40	2	20.16	American	Chas. R. McCormack S. S. Co.	321.7	51.0	21.0	Galveston	San Francisco	Sulphur	3,794	.....	.....

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

I. C. White	26	19.45	27	6.45	27	14.23	27	14.24	American	Pan-American Petroleum Co.	429.3	59.2	26.0	Los Angeles	New Orleans	Crude oil	10,071	7,925	5,743
Sunbeam	27	1.15	27	8.28	27	15.40	27	15.40	American	Sun Oil Co.	439.3	59.2	27.9	Los Angeles	Chester	Crude oil	10,600	7,709	5,481
Cauca	26	23.10	27	9.11	27	16.15	6–1	11.40	British	Pacific Steam Navigation Co.	246.0	35.0	16.5	Acajutla	Cristobal	General	1,324	1,589	1,018
Japan Arrow	26	21.00	27	9.20	27	16.54	27	16.54	American	Standard Transportation Co.	468.3	62.7	28.0	Los Angeles	New York	Crude oil	12,500	10,084	7,426
Tacoma	.....	.....	27	10.05	27	17.08	28	15.15	American	U. S. Navy	292.0	44.0	18.0	Balboa	Cristobal	.....	.....	.....	.....
Mantaro	27	5.00	27	10.15	27	18.05	31	10.45	Peruvian	Peruvian Line	367.3	46.0	19.6	Ilo	Cristobal	General	2,08[illegible]	4,838	2,959
Durango	27	6.00	27	12.49	27	19.52	27	19.52	American	C. D. Mallory & Co.	435.0	56.0	27.6	Los Angeles	New York	Crude oil	10,61[illegible]	7,642	5,274
Sussex	27	16.25	28	6.51	28	14.23	28	15.22	British	New Zealand & Federal S.S. Co.	420.0	54.0	26.0	Noumea	Baltimore	General	6,92[illegible]	7,016	5,078
Gen. G. W. Goethals	27	17.00	28	7.58	28	15.08	29	16.05	American	Panama Railroad Steamship Line	353.0	48.7	20.0	Guayaquil	Cristobal	General	1,17[illegible]	5,226	3,617
Eurana	27	17.15	28	8.47	28	16.15	28	16.15	American	Inter. Merchant Marine Co.	419.5	56.5	26.6	Los Angeles	New York	Crude oil	9,60[illegible]	6,989	4,976
Theodore Roosevelt	28	1.30	28	9.0[illegible]	28	16.55	28	16.55	Norwegian	Norway-Pacific Line	450.0	55.6	28.0	San Francisco	Christiana	General	8,800	7,593	5,636
Santa Barbara	28	1.30	28	9.4[illegible]	28	17.22	28	17.22	American	Pacific Mail Steamship Co.	404.6	54.0	28.8	Seattle	Baltimore	General	7,923	6,789	4,746
Albert Jeffers	28	6.00	28	10.20	28	18.25	28	18.25	American	Garland Steamship Corp.	384.6	51.0	24.6	Aberdeen	New York	Lumber[3]	4,353	6,347	4,453
City of Para	27	21.44	28	11.00	28	20.15	6–3	6.58	Panaman	Pacific Mail Steamship Co.	340.0	38.6	23.6	Champerico	Cristobal	General	2,135	3,739	2,459
Santa Luisa	28	6.30	28	11.08	28	21.40	28	22.25	American	Grace Line	360.2	51.6	22.11	Talcahuano	New York	General	4,306	5,694	3,975
Mariposa[2]	.....	.....	28	.....	28	12.33	.....	.....	American	Chas. W. Norris	26.0	6.4	3.0	Pedro Miguel	Gamboa	.....	.....	.....	.....
Steel Ore	28	10.30	28	13.35	28	22.30	28	22.30	American	Ore Steamship Corp.	550.3	72.2	31.6	Cruz Grande	Baltimore	Steel ore	20,000	15,551	4,297
U. S. S. Pyro	26	16.00	29	6.58	29	13.05	29	15.45	American	U. S. Navy	459.8	60.1	20.0	San Diego	Hampton Rds.	(4)	494	.....	.....
Anten	28	14.30	29	8.11	29	16.08	29	16.08	Swedish	Transatlantic Steamship Co.	420.0	54.0	19.6	Makatea	Cartagena	Phosphates	8,800	6,938	5,106
Carolinian	29	9.00	29	9.48	29	17.23	29	17.23	American	Garland Steamship Corp.	359.0	50.2	24.0	Victoria	New York	Lumber	4,000	4,642	3,510
Kenuta	29	10.20	29	11.40	29	19.45	29	20.50	British	Pacific Steam Navigation Co.	412.0	52.0	24.0	Puerto Montt	Liverpool	General	6,195	6,420	4,704
William Rockefeller	29	10.40	29	13.02	29	21.43	29	21.43	American	Standard Oil Co. of N. J.	554.9	75.3	31.4	Los Angeles	New York	Crude oil	20,000	14,785	10,313
British Star	29	6.30	30	6.55	30	14.48	30	14.48	British	Anglo-Saxon Petroleum Co.	429.9	57.0	25.6	Los Angeles	Tampico	Crude oil	9,650	7,174	4,964
Agwimex	30	4.00	30	8.12	30	15.55	30	18.19	American	Ward Line	480.5	56.0	27.0	Los Angeles	Philadelphia	Crude oil	14,000	9,394	6,306
Georgian	30	6.30	30	8.24	30	16.30	30	16.30	American	American-Hawaiian Line	386.8	52.2	24.7	Seattle	Savannah	General, lumber	5,850	5,719	4,023
Wm. G. Warden	30	7.00	30	9.58	30	18.36	30	18.36	American	Standard Oil Co. of N. J.	500.0	68.2	29.9	Los Angeles	New York	Crude oil	15,800	.....	.....
Salvador	30	9.00	30	11.35	30	17.53	.....	.....	British	Pacific Steam Navigation Co.	225.0	35.4	14.6	Champerico	Cristobal	General	651	1,270	735
Hazel Branch	30	10.20	30	11.40	30	19.20	31	0.20	British	F. & W. Ritson	400.0	51.2	24.0	Talcahuano	Liverpool	General	6,185	5,208	3,578
K. I. Luckenbach	30	.01	30	13.03	30	20.00	30	20.00	American	Luckenbach Line	446.1	56.7	24.6	Seattle	Boston	General	5,000	8,552	6,236
Lio	30	2.00	30	13.20	30	23.48	31	17.07	American	McAllister Bros.	431.0	59.2	25.0	San Francisco	Philadelphia	Gasoline	9,486	7,817	5,082

[2] Launch.

[3] 340,590 board feet lumber (deck load).

[4] General and ammunition.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Agwibay	30	5.00	30	15.29	30	23.50	30	23.50	American	Yew York and Cuban Mail	468.3	62.7	28.0	Los Angeles	Baltimore	Crude oil	12,700	9,776	6,903
Helder	29	6.30	29	8.17	29	17.20	6–1	0.16	Dutch	Royal Netherlands W. I. Mail	372.0	50.0	19.6	Talcahuano	Liverpool	General	4,431	5,117	3,807
Edith[2]	...	...	30	...	30	...	...	...	American	L. F. Gilbert	23.3	7.5	...	Balboa	Pedro Miguel	...	...	4	2
M. F. Elliott	30	16.35	31	6.51	31	14.33	31	14.33	American	Standard Oil Co. of N. J.	425.0	57.2	27.0	Los Angeles	New York	Crude oil	10,684	7,481	4,946
British Chancellor	30	17.40	31	7.55	31	15.40	31	15.40	British	Anglo-Persian Oil Co	440.0	56.0	27.0	San Francisco	Lands End[5]	Fuel oil	9,611	7,612	4,960
Commercial Spirit	31	9.15	31	10.11	31	17.00	31	17.00	American	Moore & McCormack	380.4	53.1	24.6	Tacoma	New York	General, lumber	6,250	5,659	4,137
Santa Tecla	31	8.50	31	12.49	31	19.00	31	23.22	American	Grace Line	298.6	40.0	14.6	Salaverry	New York	General	907	2,832	1,803
Cuba	30	19.50	6–1	6.56	6–1	14.16	...	...	American	Pacific Mail Steamship Co	307.7	42.2	18.8	San Francisco	Cristobal	General	690	3,385	2,075
E. L. Doheney 3d	31	14.55	1	8.00	1	17.30	1	17.30	American	Pan-American Pet. & Trans. Co.	467.6	62.7	29.0	Los Angeles	New Orleans	Crude oil	13,183	9,666	7,034
Eburna	31	17.45	1	9.01	1	18.03	1	18.03	British	Anglo-Saxon Petroleum Co	380.2	52.7	24.6	Los Angeles	Tampico	Crude oil	6,809	5,058	3,292
Paul Shoup	6–1	5.10	1	9.59	1	19.15	1	19.12	American	Associated Oil Co	424.4	58.2	29.2	Los Angeles	Fall River	Crude oil	11,100	7,333	5,119
Agwilake	31	14.35	1	10.46	1	21.25	1	21.25	American	Ward Line	468.3	62.7	30.0	Los Angeles	Boston	Crude oil	12,690	9,802	6,957
Manavi	6–1	1.00	1	11.55	1	20.15	...	...	British	Pacific Steam Navigation Co	216.0	35.1	11.4	Guayaquil	Cristobal	General	223	1,357	884
William Campion	1	17.30	2	6.51	2	13.48	2	13.48	American	Garland Steamship Corp	384.4	51.2	24.0	Portland	New York	General	5,900	6,327	4,433
Naimes	1	18.45	2	7.57	2	15.05	2	16.00	German	Roland Line (A. G.)	330.0	45.11	12.0	San Jose	Freeport	Ballast	...	3,529	2,532
Lancaster	1	22.49	2	8.50	2	15.58	2	16.45	American	Argonaut Steamship Co	434.0	57.6	26.0	Tacoma	Baltimore	General	7,409	7,943	5,872
Chinampa	2	11.30	2	9.05	2	16.55	2	16.55	American	Standard Oil Co. of N. J	426.8	54.0	28.0	Los Angeles	New York	Crude oil	9,000	7,171	5,172
Muskogee	2	1.00	2	10.04	2	17.57	2	17.57	American	Standard Oil Co. of N. J	451.0	58.0	27.0	Los Angeles	New York	Crude oil	9,792	7,574	5,193
Los Angeles	2	3.00	2	10.11	2	18.50	4	11.45	American	Union Oil Co. of California	435.0	56.2	29.0	Port San Luis	Cristobal	Fuel oil	10,000	7,193	4,903
Tustem	2	4.50	2	11.20	2	20.05	2	20.05	American	Atlantic Refining Co. of Phila.	425.0	57.2	28.0	Port San Luis	Philadelphia	Crude oil	9,600	7,204	4,768
Scottish Strath	2	5.00	2	12.19	2	21.22	2	22.03	British	Tanker Co., Ltd	440.8	59.4	26.0	San Francisco	Portishead	Gasoline	8,964	7,527	5,108

[5] For orders.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
May 27	Zacapa	United Fruit Co	New Orleans via Habana.
May 27	Toloa	United Fruit Co	Port Limon.
May 29	Calamares	United Fruit Co	New York via Habana.

*DEPARTURES.

Date.	Vessel.	Line.	For—
May 27	Ulysses	Panama Railroad Steamship Line	Norfolk.
May 27	Toloa	United Fruit Co	New York via Habana.
May 28	Zacapa	United Fruit Co	Bocas.

(Continued on page 572, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, June 9, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Foldenfjord	2	16.42	3	6.20	3	14.58	3	17.45	Norwegian	Norwegian-American Line	430.4	59.0	18.0	Thameshaven	Los Angeles	Ballast		7,780	5,520
William Perkins	2	18.36	3	6.55	3	15.40	3	19.33	American	Garland Steamship Corp	409.8	54.2	21.6	New York	Los Angeles	General	5,230	6,757	4,919
Independence	2	16.32	3	7.45	3	16.23	3	20.15	American	Barber Line (S. B.)	440.0	56.0	23.0	Savannah	Hongkong	(4)	5,735	8,290	6,063
Kentuckian	2	22.01	3	7.55	3	16.30	3	17.55	American	American-Hawaiian Line	414.5	53.7	22.0	Boston	Los Angeles	General	3,500	7,049	4,941
Meton	5-31	19.57	3	8.23	3	17.11	3	19.30	American	Walker & Daly (S. B.)	425.8	57.0	16.3	Mobile	Los Angeles	Ballast		7,484	5,212
Hammac	2	22.05	3	8.55	3	17.21	3	18.28	American	General Petroleum Corp	435.0	56.2	21.3	Baltimore	Los Angeles	Ballast		7,433	5,058
Lebec	2	22.12	3	9.30	3	18.07	3	19.19	American	General Petroleum Corp	435.0	56.0	18.9	Philadelphia	Los Angeles	Ballast		7,432	5,060
Miskianza	3	5.05	3	9.45	3	19.58			American	Walker & Daly (S. B.)	425.0	57.2	25.1	Mobile	Los Angeles	Fuel oil	8,000	7,205	4,897
Cerro Azul	2	15.09	3	10.23	3	19.06	3	20.44	American	Pan-American Pet. & Transp. Co.	480.5	66.0	20.10	New Orleans	Los Angeles	Ballast		9,398	6,453
Dickenson	3	7.40	3	10.35	3	20.40	11	16.35	American	Commercial Pacific Cable Co	174.3	30.1	14.0	Philadelphia	Honolulu	(5)	25	861	393
San Francisco	3	5.35	3	11.50	3	21.30	3	22.44	American	Isthmian Line	405.0	52.0	26.7	New York	Seattle	General	7,500	6,186	4,449
John D. Rockefeller	3	12.38	3	12.55	3	22.17	3	23.55	American	Standard Oil Co	458.3	60.0	20.6	New York	Los Angeles	Ballast		8,633	6,314
City of Para	5-28	20.15	3	6.58					Panaman	Pacific Mail Steamship Co	345.0	38.0	16.6	Cristobal	Gatun Lake	Ballast		3,739	2,459
Patuxent [1]			3	6.30	3	15.36			American	U. S. Navy	156.0	29.0		Cristobal	Balboa	Towing sub			
Quail [1]			3	12.15	3	22.16			American	U. S. Navy	180.0	35.6		Cristobal	Balboa	Ballast			
Naneric	3	11.20	4	6.25	4	14.49	4	16.05	British	Andrew Weir & Co	430.0	49.0	28.10	Baltimore	Hankow	(6)	6,959	6,383	4,865
British Light	3	16.00	4	7.05	4	15.28	4	18.00	British	Anglo-Saxon Petroleum Co	419.0	54.3	19.4	Tampico	Los Angeles	Ballast		6,763	4,314
Birkenhead	3	18.08	4	8.07	4	16.10	4	20.46	American	Vacuum Oil Co	425.0	57.2	19.0	New York	Los Angeles	Ballast		7,502	4,982
Henry S. Grove	3	19.42	4	8.15	4	17.02	5	2.57	American	Argonaut Steamship Co	404.6	53.0	23.6	Baltimore	Seattle	General	8,502	6,755	4,688
Ebro	3	11.10	4	9.00	4	17.39	4	19.00	British	Pacific Steam Navigation Co	450.0	57.0	26.7	New York	Valparaiso	General	2,869	9,151	6,227
Cape May	3	18.15	4	10.10	4	21.00	4	22.06	American	U. S. & A. Line (S. B.)	415.0	53.7	23.0	New York	Newcastle	General	9,000	7,072	4,944
Carron-park	3	12.00	4	9.50	4	18.33	4	19.45	British	J. & J. Denholm	300.6	43.6	17.6	New Orleans	Guayaquil	General	1,805	2,951	1,879
Potosi	4	2.50	4	10.30	4	18.52	4	20.01	British	Pacific Steam Navigation Co	381.0	49.0	19.9	Liverpool	Callao	General	2,088	5,559	4,201
Maple Branch	4	6.30	4	11.00	4	19.18	4	20.23	British	F. & W. Ritson	400.0	52.0	18.6	(7)	Corral	General	2,500	5,618	4,116
Los Angeles	2	18.50	4	11.45	4	20.04	4	21.26	American	Union Oil Co	435.0	56.0	20.5	Cristobal	Los Angeles	Ballast		7,193	4,903
Hawaiian	4	17.12	5	6.24	5	13.48	5	14.55	American	American-Hawaiian Line	406.8	51.1	27.0	Philadelphia	Los Angeles	General	7,000	6,039	4,180
Curlew [2]	4	15.45	5	7.40	5	14.33	8	8.57	British	British Government	425.0	43.5	15.6	Bermuda	Los Angeles	Ballast			
H. M. Flagler	5	6.53	5	7.55	5	15.28	5	22.25	American	Standard Oil Co	461.6	60.0	19.0	Vallo	Los Angeles	Ballast		8,450	6,089
Cumberland	5	6.35	5	8.40	5	16.26	5	20.39	British	Federal Steam Navigation Co	520.0	64.2	20.0	Antwerp	Auckland	General	8,054	12,166	8,345
James McGee	5	7.45	5	9.15	5	17.19	5	18.20	American	Standard Oil Co	499.0	68.2	17.6	Baltimore	Los Angeles	Ballast		10,964	7,909
David McKelvy	5	8.03	5	9.50	5	17.25	5	18.20	American	Tidewater Oil Co	430.0	59.2	19.0	New York	Los Angeles	Ballast		7,629	5,373
Walter Jennings	5	9.40	5	10.35	5	18.29	5	19.26	American	Standard Oil Co	499.2	68.1	20.0	Baltimore	Los Angeles	Ballast		11,037	7,995
Charlton Hall	5	6.28	5	11.10	5	19.36	5	20.36	American	U. S. Steel Products Co	400.0	50.0	28.0	New York	Corral	Steel products	5,789	5,714	4,161
Albertolite	5	1.16	5	13.05	5	20.16	5	21.20	British	Imperial Oil Co	463.0	60.2	18.9	Montreal	Talara	Ballast		8,491	6,076
Edgemoor [3]	6	0.50	6	6.15	6	15.31	8	15.15	American	U. S. Army	409.6	54.2	23.0	Brooklyn	Honolulu	(8)	8,901	7,486	5,852
Mina Brea	6	1.20	6	7.22	6	16.08			British	Imperial Oil Co	360.3	49.0	16.6	Habana	Talara	Ballast		4,437	2,717

[1] Tug. [2] Cruiser. [3] Transport. [4] Cotton, rosin, and general. [5] Cable office supplies. [6] General, case oil, and gasoline. [7] Middlesborough. [8] Ammunition and supplies.

Gen. Frank M. Coxe[9]	5–24	7.17	6	7.50	6	16.53	8	19.48	American	U. S. Army	145.2	28.0	9.8	New Orleans	San Francisco	Ballast				
Francis E. Powell	6	5.20	6	8.43	6	17.07	6	18.10	American	Atlantic Refining Co	431.0	59.2	19.0	Baltimore	Los Angeles	Ballast		7,860	5,032
New Britain	6	18.35	7	6.25	7	16.40	7	23.04	American	Great Northwestern Ship. Corp	386.8	52.2	23.6	Norfolk	San Diego	Navy coal	6,837	5,684	4,082
Laura C. Hall[10]	5	15.05	7	6.06	7	15.21	8	22.50	British	Pacific Metals Corp	81.0	25.6	9.0	Cristobal	Buenaventura	General	13	132	72
Santa Elisa	6	15.15	7	7.25	7	17.40	7	18.48	American	Grace Line	360.3	51.7	23.3	New York	Talcahuano	General	1,942	5,957	4,325
John D. Archbold	7	1.55	7	8.25	7	18.17	7	19.36	American	Standard Oil Co	554.9	75.3	23.6	New York	Los Angeles	Ballast		14,785	10,313
Ardenza	7	10.15	7	10.37	7	19.16	7	20.19	British	Stephen & Co., Ltd	210.0	31.7	15.0	Leith	Vancouver	General	513	930	463
Aysen	3	17.05	7	10.40	7	19.26	7	20.19	Chilean	Chilean Line	379.6	44.3	21.0	Cristobal	Valparaiso	General	877	4,535	3,068
Lochgoil[11]	6	5.40	7	11.10	7	20.11	7	23.04	British	Royal Mail Steam Packet Co	486.0	62.0	25.4	London	Vancouver	General	6,093	10,803	7,606
Cuba	1	14.16	7	11.56	7	21.00	8	2.15	American	Pacific Mail Steamship Co	307.8	42.3	21.5	Cristobal	San Francisco	General	1,740	3,429	2,206
Ceylon Maru	7	12.31	7	12.40	7	21.47	8	2.00	Japanese	Nippon Yusen Kaisha	385.0	48.5	25.6	New York	Yokohama	General	4,597	5,271	3,592
Myriam	7	16.31	8	6.51	8	13.28	8	20.16	French	Cia. Aux. de Navigazione	425.0	57.0	19.6	Cherbourg	Los Angeles	Ballast		7,178	5,072
Henderson[9]	7	17.08	8	7.18	8	14.50	10	7.48	American	U. S. Navy	483.0	60.0	23.9	Norfolk	Seattle	Navy stores	66		
Montreal Maru	8	5.38	8	8.00	8	15.46	9	0.54	Japanese	K. K. K. Bosinjo	405.0	53.0	14.9	New York	Mejillones	Ballast		7,034	5,081
Chincha	8	6.20	8	8.43	8	16.33	8	23.20	American	Planet Line	403.0	52.3	28.0	Baltimore	San Francisco	General	7,668	6,823	4,947
Manavi	1	20.15	8	11.10	8	18.05	8	22.22	British	Pacific Steam Navigation Co	216.0	35.0	13.3	Cristobal	Guayaquil	General	354	1,357	884
Bogota	7	22.45	8	12.10	8	19.18	8	20.16	British	Pacific Steam Navigation Co	400.0	52.5	22.3	Hamburg	Port Montt	General	5,712	5,733	4,015
F. H. Hillman	8	12.40	8	12.53	8	20.51	9	3.00	American	Standard Oil Co	500.0	68.2	21.0	London	Los Angeles	Ballast		11,225	7,913
Gypsy[12]			8	10.57	8	14.02			Panaman	A. Tagaisputos				Cristobal	Gatun Lake	Ballast		3	3
Bowes Castle	8	18.32	9	6.15	9	13.49	9	15.00	British	James Chambers & Co	418.5	56.1	26.0	New York	Shanghai	General, case oil	7,700	6,675	4,698
Salvador	5–30	17.53	9	6.40	9	14.30	9	16.45	British	Pacific Steam Navigation Co	215.0	33.0	14.10	Cristobal	Champerico	General	778	1,270	735
Atholl	8	18.17	9	7.15	9	15.22	9	18.55	British	Australind Steamship Co., Ltd	385.5	48.7	24.4	North Shields	Auckland	General	6,737	4,830	3,556
O–2[13]			9	7.40	10	13.23			American	U. S. Navy	172.4	18.0		Cristobal	Balboa	Ballast			
O–7[13]			9	7.40	10	13.23			American	U. S. Navy	172.4	18.0		Cristobal	Balboa	Ballast			
T. J. Williams	9	2.30	9	8.10	9	16.02	9	17.00	American	Standard Oil Co	465.4	60.2	18.0	New York	Los Angeles	Ballast		8,585	6,087
Port Macquarie	9	4.20	9	9.02	9	16.50	9	17.55	British	Commonwealth & Dom. Line	426.0	54.0	22.6	New York	Auckland	General	1,983	7,553	5,405
Ikala	9	7.50	9	11.40	9	18.33	9	20.00	British	Industry Steamship Co., Ltd	385.1	48.7	15.7	Newport	Antofagasta	Ballast		4,699	3,441
Sudurco	9	13.00	9	13.10	9	20.41	9	22.08	American	Submarine Boat Corp	324.5	46.2	22.11	Pensacola	Los Angeles	General	4,404	3,984	2,636

[9] Transport. [10] Motor schooner. [11] Motor ship. [12] Launch. [13] Submarine.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Trekieve	2	18.45	6	7.39	3	15.37	3	17.14	British	Edward Haines & Sons, Ltd	400.1	52.4	15.0	Sydney	Boston	Wool, general	1,404	5,766	4,083
Nevada	2	21.30	3	8.23	3	17.15	3	21.36	French	French Line	436.0	56.0	26.0	Vancouver	Le Havre	General	8,118	7,500	5,403
San Joaquim	3	3.15	3	10.13	3	18.00	3	18.00	Norwegian	W. Wilhelmsen	425.4	57.1	27.4	Los Angeles	Tampico	Crude oil	9,500	7,059	5,043
Aysen	2	22.00	3	9.49	3	17.05	7	10.40	Chilean	Chilean Line	373.6	43.3	20.0	Lota, Chile	Cristobal	General	132	4,535	3,068
Winnebago	3	2.00	3	10.28	3	19.00	4	1.00	British	Anglo-American Oil Co	370.1	50.1	24.0	San Francisco	London	Lubricating oil	6,130	4,763	3,344
Ares	3	8.00	3	11.10	3	19.22	5	0.33	Dutch	Royal Netherlands W. I. Mail	341.1	48.2	21.0	Valparaiso	Europe[14]	General	3,586	4,385	3,195
Agwistone	2	22.00	3	11.40	3	20.07	3	20.07	American	Atlantic Gulf & W. I. Line	499.9	68.1	28.6	Los Angeles	New York	Crude oil	16,000	10,600	7,676
San Francisco	2	17.35	3	12.59	3	21.20	4	1.45	Swedish	Johnson Line	362.0	51.3	23.4	San Francisco	Stockholm	Grain, general	5,401	5,298	4,019
Belridge	3	13.00	3	13.40	3	22.20	4	2.25	Norwegian	W. Wilhelmsen	425.0	57.0	25.7	Los Angeles	Southampton	Crude oil	(15)	7,065	5,095
Canadian Constructor	2	14.50	4	7.02	4	14.30	4	14.55	British	Canadian Government	430.0	56.2	20.0	Auckland	Montreal	Hides, general	4,000	7,690	5,494
Commercial Pathfinder	3	5.20	4	8.04	4	15.37	4	15.37	American	Moore & McCormack	395.0	49.4	22.6	Seattle	New York	Lumber	5,573	5,020	3,734
Indian Arrow	3	13.55	4	8.54	4	16.25	4	16.25	American	Standard Transportation Co	468.3	62.7	27.0	Los Angeles	Marcus Hook	Gasoline	13,853	10,084	7,426

[14] For orders. [15] 64,000 barrels.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Mundelta	3	18.40	4	9.04	4	17.45	4	17.45	American	Munson Line	370.0	53.2	23.6	Marshfield	New York	Lumber	5,410	5,668	4,297
Sherman	3	21.28	4	9.27	4	18.30	4	20.10	American	Sherman Steamship Co	400.3	45.3	23.0	San Antonio	New York	Copper and ore	4,803	5,037	3,426
Varg	3	22.30	4	9.42	4	19.32	4	23.40	Norwegian	P. Johannessan	232.0	35.0	13.10	Guayaquil	New York	General	530	1,496	1,040
Eastern Sea	4	6.21	4	10.48	4	19.40	4	23.50	American	United States & American Lines	384.0	51.1	15.4	Melbourne	New York	Wool, general	700	5,934	4,415
Norway Maru	4	6.30	4	11.08	4	21.00	5	13.43	Japanese	Kawasaki Kisen Kaisha	385.0	51.0	26.10	Ocean Island	Eng. Channel	Phosphates	7,900	5,926	4,397
Willhilo	4	10.20	4	12.08	4	21.25	4	21.25	American	Williams Steamship Co	434.3	57.7	24.0	San Francisco	New York	(17)	800	7,983	5,882
Dakotan	4	4.45	4	13.33	4	22.35	4	22.35	American	American-Hawaiian Line	407.7	53.7	25.0	Los Angeles	New York	General	4,520	7,156	5,058
Agwihavre	4	12.20	5	7.16	5	14.55	5	14.55	American	Atlantic Gulf & W. I. Line	480.5	66.0	28.0	Los Angeles	New York	Crude oil	13,500	9,394	6,305
Laura C. Hall	4	10.30	5	7.10	5	15.05	7	6.06	British	Pacific Metals Corporation	81.0	25.6	10.0	Buenaventura	Cristobal	Platinum, gold	58	132	72
Huallaga	4	6.21	5	8.06	5	15.40	10	10.35	Peruvian	Peruvian Line	360.0	44.7	22.0	Ilo	Cristobal	General	2,074	4,514	2,386
Tainui	4	23.00	5	8.24	5	16.40	6	2.35	British	Shaw, Saville & Albion Co	477.8	61.1	23.6	Wellington	London	General	3,432	10,631	7,606
Norden	5	8.45	5	9.59	5	18.20	5	19.40	Danish	Peter Brown, Jr. & Co	318.8	47.3	20.0	Talcahuano	U. S. ports	Nitrates	4,436	3,357	2,562
Balboa	5	9.25	5	10.08	5	18.06	6	21.00	Colombia	Compania Costandra Colombian	190.0	29.1	15.6	Tumaco	Pto. Colombia	General	47	737	335
Bantu	5	11.15	5	12.13	5	20.15	5	20.15	American	Isthmian Line	360.0	47.0	25.2	Vancouver	Norfolk	(18)	3,836	4,607	3,032
Caddo	5	16.55	6	6.51	6	14.23	6	14.23	American	Standard Oil Co. of N. J	414.5	55.2	27.8	Los Angeles	New York	Crude oil	9,000	6,437	4,442
Iowa	5	22.00	6	8.11	6	15.30	6	21.45	French	French Line	450.0	34.7	26.6	Vancouver	Hull	(19)	8,904	7,520	5,070
Essequibo	5	21.58	6	8.52	6	15.42	7	2.51	British	Pacific Steam Navigation Co	450.3	57.8	24.6	Valparaiso	New York	General, oil	2,743	9,099	6,117
Nordfarer	6	7.35	6	9.12	6	17.35	6	18.25	Danish	Ardmore Steamship Co	364.2	47.4	23.0	San Antonio	Baltimore	(20)	5,500	4,289	3,106
San Florentino	6	7.45	6	10.45	6	20.00	6	20.00	British	Anglo-Mexican Petroleum Co	530.4	68.6	30.3	Los Angeles	Tuxpan	Crude oil	16,636	13,067	9,124
Robert E. Hopkins	5	22.00	6	11.22	6	21.05	6	21.05	American	Tidewater Oil Co	424.4	58.2	26.6	Los Angeles	New York	Crude oil	10,187	7,383	5,244
Francis[16]			6	7.35															
Marore	7	1.30	7	7.21	7	18.37	7	18.37	American	Ore Steamship Corp	550.3	72.2	33.0	Cruz Grande	Baltimore	Iron ore	20,000	15,551	4,297
Agwisea	6	15.30	7	8.27	7	18.55	7	18.55	American	Ward Line	468.3	62.7	29.0	Los Angeles	New York	Crude oil	12,800	9,802	6,961
President Hayes	6	18.15	7	9.10	7	17.10	7	18.25	American	Swain & Hoyt	502.0	62.0	26.9	San Francisco	Buenos Aires	(21)	4,176	12,023	8,443
Josiah Macy	6	18.00	7	9.29	7	21.37	7	21.37	American	Standard Oil Co. of N. J	435.0	57.0	27.09	Los Angeles	New York	Crude oil	9,980	7,197	5,082
Steel Exporter	6	21.30	7	9.44	7	20.22	7	20.22	American	Isthmian Line	424.2	56.0	22.0	Seattle	New York	General	5,165	7,611	5,450
Ortega	7	1.30	7	10.51	7	20.07	7	23.30	British	Pacific Steam Navigation Co	465.0	56.0	24.8	Talcahuano	Liverpool	General	3,833	8,345	4,998
Chas. H. Cramp	7	8.00	7	11.26	7	20.55	7	20.55	American	Argonaut Steamship Line	404.6	53.9	25.0	Seattle	Baltimore	General, lumber	5,074	6,755	4,750
Thomas H. Wheeler	7	8.30	7	11.42	7	22.05	7	22.05	American	Standard Oil Co. of N. J	425.0	57.2	28.6	Los Angeles	New York	Crude oil	(22)	7,481	4,769
U.S.S. Patuxent	5	20.36	7	10.55	7	18.42			American	U. S. Navy	156.0	24.0		Balboa	Cristobal				
Wabash	7	12.45	7	13.41	7	23.15	8	12.25	American	N. Atl. & Western S. S. Co	381.0	49.9	22.0	Seattle	Philadelphia	General, lumber	2,968	5,825	4,152
Dillwyn	7	14.35	8	7.18	8	14.23	8	14.23	American	C. D. Mallory & Co., Inc	435.0	56.0	28.0	Los Angeles	New York	Crude oil	9,500	7,441	5,180
Alden Anderson	7	18.30	8	8.06	8	16.38	8	16.38	American	Associated Oil Co	426.9	54.6	28.6	Los Angeles	Fall River	Crude oil	9,500		
Chas. H. Pratt	7	18.30	8	8.56	8	18.00	8	18.00	American	Standard Oil Co	500.0	68.0	29.6	Los Angeles	Charleston	Crude oil	15,200	10,313	7,492
Santa Clara	7	14.00	7	14.47	8	0.16	8	4.35	American	Pacific Mail Steamship Co	404.6	53.9	26.0	Puget Sound	New York	Lumber, general	6,300	6,760	4,450
Steel Inventor	7	23.45	8	10.02	8	18.48	8	18.48	American	Isthmian Line	424.2	56.2	24.2	Vancouver	Providence	(18)	7,300	7,611	5,450

[16] Launch. [17] Copper, oil, general and lumber, 4,750,000 board feet lumber, including a deck load of 600,000 feet. [18] Magnasite ore and lumber. [19] Wheat, barley, lead, and divers.
[20] Copper and copper ore. [21] Lumber, canned goods, rice, general. [22] 69,000 barrels.

H. H. Rogers	8	12.15	8	13.09	8	20.50	8	20.50	American	Standard Oil Co. of N. J.	500.0	68.2	29.3	Los Angeles	New York	Crude oil	15,000	10,308	7,668
Swifteagle	8	4.30	8	14.02	8	21.57	8	23.15	American	C. D. Mallory & Co.	464.6	60.2	28.0	Los Angeles	Fall River	Crude oil	11,194	8,473	5,997
Acajutla	8	13.40	9	7.09	9	13.45			British	Pacific Steam Navigation Co.	215.7	23.5	17.0	Champerico	Cristobal	(23)	768	1,273	706
Lord Ormonde	9	2.30	9	8.01	9	15.53	9	18.17	British	Columbus Steamship Co.	360.0	46.2	25.0	Caldea	New York	(24)	5,500	4,563	3,406
Sesostris	9	8.00	9	9.02	9	16.50	9	20.55	German	Kosmos Line	360.0	50.0	16.0	Magellan	Hamburg	General	2,454	4,979	3,381

[23] Copper, ore, hides, coffee, platinum. [24] General, copper, coffee, wood, sugar and hides. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
June 3	Amassia	Hamburg-American Line	Puerto Barrios.	June 3	Amassia	Hamburg-American Line	Puerto Colombia.
June 3	Abangarez	United Fruit Co.	New Orleans via Habana.	June 3	Venezuela	Royal Netherlands W. I. Mail	Amsterdam via wayports.
June 3	Calamares	United Fruit Co.	Port Limon.	June 3	Calamares	United Fruit Co.	New York via Habana.
June 4	Denver[25]	U. S. Navy	Guantanamo.	June 4	Abangarez	United Fruit Co.	Bocas.
June 5	Pastores	United Fruit Co.	New York via Habana.	June 5	Denver[25]	U. S. Navy	High seas.
June 5	Haiti	French Line	St. Nazaire via wayports.	June 6	Pastores	United Fruit Co.	Port Limon.
June 5	Delilian	Leyland Line	Liverpool via wayports.	June 7	Sixaola	United Fruit Co.	Colombian ports.
June 5	Denver[25]	U. S. Navy	High Seas.	June 7	Cartago	United Fruit Co.	New Orleans via wayports.
June 6	Cartago	United Fruit Co.	New Orleans via wayports.	June 7	San Gil	United Fruit Co.	Boston via Limon.
June 6	San Gil	United Fruit Co.	Boston via Habana.	June 7	Abangarez	United Fruit Co.	New Orleans.
June 6	Sixaola	United Fruit Co.	New York via Kingston.	June 7	Haiti	French Line	St. Nazaire via wayports.
June 7	Abangarez	United Fruit Co.	Bocas.	June 8	Delilian	Leyland Line	New Orleans.
June 8	Camden	United Fruit Co.	Tampico.	June 9	Panama	Panama Railroad Steamship Line	New York via Haiti.
June 9	Bayano	Elders & Fyffes	Port Limon.	June 9	Bayano	Elders & Fyffes	Bristol via Kingston.

PORT OF BALBOA.

June 3	Santa Maria	Union Oil Co. of California	Port San Luis.	June 3	Ling Nam	Chingwha Navigation Co.	Iquique.
June 4	Remus	Latin-American Line	Vancouver.	June 6	Rosana	A. Fait & Co.	Puntarenas.
June 7	Anomia	Anglo-Saxon Petroleum Co.	Los Angeles.	June 8	Remus	Latin-American Line	Callao.
June 8	Adna	Anglo-Saxon Petroleum Co.	San Francisco.	June 5	Santa Maria	Union Oil Co. of California	Los Angeles.
				June 9	Anomia	Anglo-Saxon Petroleum Co.	Los Angeles.

[25] Cruiser. * Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, June 16, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Oregon Maru	9	17.12	10	6.23	10	13.11	10	20.30	Japanese	Kawasaki Dockyard Co	385.0	51.0	16.0	New York	Mejillones	Ballast		6,251	4,700
Kalomo	9	19.20	10	6.40	10	14.07	10	16.43	British	Ellerman & Bucknall Line	400.0	52.3	23.0	Philadelphia	Sydney	(3)	4,446	5,672	4,042
Willpolo	10	5.17	10	7.30	10	14.25	10	18.49	American	Williams Line	386.8	52.2	21.4	New York	Los Angeles	General	6,019	5,680	4,080
Amsterdam	9	15.45	10	7.50	10	14.51	10	15.45	Dutch	Royal Netherlands W. I. Mail	474.4	65.6	20.4	Rotterdam	Taltal	Ballast		11,647	8,217
F. Q. Barstow[1]	10	6.00	10	8.15	10	15.24	10	16.43	American	Standard Oil Co	500.0	68.2	20.0	New York	Los Angeles	Ballast		10,530	7,604
Aladdin[1]	10	6.10	10	9.15	10	16.10	10	17.44	American	Standard Transportation Co	435.6	56.2	16.0	New York	Los Angeles	Ballast		7,408	5,068
Venice Maru	10	8.10	10	9.49	10	16.56	10	23.50	Japanese	Kikusai Kisen Kaisha	405.0	53.0	13.8	Baltimore	Valparaiso	Ballast		7,025	5,025
Huallaga	5	15.40	10	10.35	10	17.54	11	18.48	Peruvian	Peruvian Line	360.0	44.7	19.7	Cristobal	Callao	General	91	4,514	2,386
Greenwich	10	6.50	10	10.40	10	18.48	10	20.10	British	Watts, Watts & Co	341.0	46.6	14.6	Newport News	Antofogasta	Ballast		3,974	2,929
J. L. Luckenbach	10	17.30	10	11.35	10	19.40	10	21.05	American	Luckenbach Line	475.0	60.0	31.3	New York	San Francisco	General	10,300	9,294	6,861
El Kantara	8	6.03	10	12.43	10	20.30	10	21.45	French	Messageries Maritimes Co	447.2	52.6	24.3	Dunkirk	Noumea	General	1,316	7,357	4,983
Dean Emery[1]	10	15.40	11	6.21	11	13.47	11	14.55	American	Pan-American Petroleum Co	429.3	59.2	21.6	Providence	Los Angeles	Ballast		7,709	5,517
Trontolite[1]	10	21.20	11	7.10	11	14.47	11	16.15	British	Imperial Oil Co	420.8	57.0	21.0	Halifax	Talara	Ballast		7,240	4,713
Hague Maru	10	21.50	11	7.38	11	15.57	11	17.15	Japanese	Osaka Shosen Kaisha	407.0	50.0	24.0	New York	Osaka	General	6,725	6,202	4,507
Byron D. Benson[1]	11	0.15	11	8.35	11	16.47	11	17.50	American	Tidewater Oil Co	465.4	60.2	20.0	New York	Los Angeles	Ballast		8,546	6,095
W. S. Rheem[1]	11	0.23	11	9.16	11	17.12	11	18.15	American	Standard Oil Co	500.0	68.2	22.0	New York	Los Angeles	Ballast		11,224	7,860
Munindies	11	3.10	11	9.55	11	17.45	11	21.42	American	Munson Line	370.0	53.1	25.0	Baltimore	Seattle	General	6,625	5,525	4,097
Pennsylvania Sun[1]	11	9.00	11	10.30	11	18.25	11	23.25	American	Sun Oil Co	480.5	66.10	22.0	Norfolk	Los Angeles	Ballast		9,325	6,383
J. A. Moffett, Jr.[1]	11	9.15	11	11.15	11	19.32	11	20.36	American	Standard Oil Co	499.2	68.1	21.0	Baltimore	Los Angeles	Ballast		11,037	7,995
Hoyeisan Maru	10	22.45	11	11.25	11	20.17	11	21.42	Japanese	Mitsui & Co	407.3	51.4	26.8	New York	Yokohama	Gneeral	7,233	6,189	4,440
Houma[1]	11	9.50	11	12.05	11	21.08	12	1.15	American	McAllister Bros. (S. B.)	434.8	56.2	22.0	New York	Los Angeles	Ballast		7,425	5,168
Wheaton	11	15.00	12	6.15	12	13.48	12	14.51	American	A. E. Mittnacht (S. B.)	415.0	53.7	29.0	New York	Seattle	General	5,726	7,060	4,904
Craftsman	10	20.25	12	7.15	12	14.35	12	15.35	British	T. & J. Harrison	455.4	56.0	21.6	Liverpool	Seattle	General	6,240	7,769	5,486
Tulsagas[1]	11	15.35	12	7.45	12	15.33	12	16.40	American	McAllister Bros. (S. B.)	431.0	59.2	21.3	New York	Los Angeles	Ballast		7,817	4,961
Samuel Q. Brown[1]	12	7.47	12	8.40	12	16.17	12	17.30	American	Tidewater Oil Co	424.4	58.2	20.0	New York	Los Angeles	Ballast		7,333	5,246
City of Glasgow	12	8.00	12	12.00	12	18.41	12	19.50	British	Ellerman Line, Ltd	391.3	54.0	27.0	New York	Yokohama	General	7,290	7,133	5,418
Otarama	12	6.30	12	13.05	12	20.30	12	21.53	British	New Zealand Shipping Co	454.0	56.3	29.0	New York	Brisbane	General	4,655	7,981	5,518
Ansgir	12	12.55	12	13.15	12	21.16	12	22.20	German	Roland Line	393.0	56.0	17.9	Hamburg	Corral	General	2,680	6,542	4,532
Durenda[2]	12	22.10	13	6.40	13	13.13	13	20.54	British	British-India Steam Nav. Co	450.1	58.3	22.0	New York	Sydney	General	10,458	8,491	5,760
S. M. Spalding[1]	13	0.52	13	7.05	13	14.44	13	15.48	American	Pan-American Petroleum Co	435.0	56.0	17.0	New York	Los Angeles	Ballast		7,331	5,080
Bethore	13	1.25	13	7.45	14	13.42	14	20.12	American	Ore Steamship Co	550.3	72.2	23.0	New York	Cruz Grande	Ballast		15,476	4,354
Standard[1]	13	5.55	13	8.50	13	16.10	13	17.12	American	Standard Oil Co	523.0	68.0	23.0	New York	Los Angeles	Ballast		12,171	8,673
Santa Olivia	13	9.15	13	9.25	13	16.5[illegible]	13	20.00	American	Atlantic & Pacific S. S. Co	404.6	53.9	26.4	Philadelphia	Seattle	General, steel	8,600	6,779	4,921

[1] Tanker. [2] Motor ship. [3] Gasoline, autos, and general cargo.

Robin Gray	13	10.10	13	10.20	13	17.54	13	22.25	American	Robin Line	424.8	55.2	24.0	New York	Los Angeles	General	8,389	7,472	5,542
Ardmore[1]	13	11.50	13	12.00	13	18.47	14	5.12	American	Standard Oil Co	449.5	59.6	21.0	Hamburg	Talara	Ballast		8,612	6,457
Eurana[1]	13	19.20	14	6.15	14	14.28	14	15.25	American	New York Ship Building Co	419.5	56.5	20.5	New York	Los Angeles	Ballast		6,989	4,976
Alaskan	13	23.15	14	7.25	14	15.58	14	22.46	American	American-Hawaiian Line	470.1	57.2	27.0	New York	Los Angeles	General	9,958	9,250	6,816
Cape Cod[1]	14	7.20	14	7.55	14	16.06			American	Cape Steamship Co	425.8	57.0	18.0	Mobile	Los Angeles	Ballast		7,218	4,955
Sabine Sun[1]	14	8.02	14	8.40	14	16.53	14	21.34	American	Sun Oil Co	429.3	59.2	19.0	New York	Los Angeles	Ballast		7,621	5,277
Thomas P. Beal	14	13.00	14	13.10	14	19.41	14	20.48	American	Crowel & Thurlow	394.1	55.1	28.0	Boston	Seattle	General, steel	,9558	7,047	5,100
Feodosia	14	6.05	15	6.05	15	14.04	15	15.00	German	Hamburg-American Line	337.0	48.4	17.1	Hamburg	Salina Cruz	General	1,400	4,285	3,072
Toco[1]	11	12.00	15	6.53	15	15.59	15	18.35	British	Sheridan Steamship Co	440.8	56.1	26.6	Tampico	Antofogasta	Crude oil	9,758	7,693	4,831
Aconcagua	14	6.39	15	7.07	15	14.50	15	15.45	Chilean	Chilean Line	422.8	56.2	24.2	New York	Valparaiso	General	1,873	7,758	4,705
Waimate[4]	14	21.00	15	7.55	15	16.35	15	17.28	British	New Zealand Shipping Co	420.0	54.0	23.0	London	Adelaide	General	3,360	7,198	5,425
Clement Smith[1]	14	22.18	15	8.40	15	17.18	15	18.12	American	Oil Transport Co	431.0	59.2	17.6	Fall River	Los Angeles	Ballast		8,097	5,349
Oriana	14	14.45	15	9.15	15	18.53	15	22.18	British	Pacific Steam Navigation Co	465.7	56.2	24.5	Liverpool	Coronel	General	4,191	8,620	5,345
Nordlys	15	2.35	15	10.00	15	19.45	15	20.56	Danish	Norden Steamship Co	362.0	51.3	13.0	Norfolk	Tocopilla	Ballast		4,932	3,468
Bengalis	15	5.45	15	10.45	15	20.42	16	13.10	Dutch	Netherland Steamship Co	417.7	54.5	14.0	Amsterdam	Antofogasta	Ballast		6,964	5,019
Halo[1]	15	6.30	15	11.10	15	21.24	15	22.50	American	City Service Co	435.0	56.0	21.0	New York	Los Angeles	Ballast		7,642	5,274
China Arrow[1]	15	11.00	15	11.25	15	22.18	15	23.40	American	Standard Transportation Co	468.3	62.7	27.0	Beaumont	Tsingtau	Kerosene oil	11,096	10,084	7,388
Balboa	14	14.30	15	12.15	15	23.03	16	0.10	Colombian	Compania Costancia Colombiana	190.0	29.1	15.7	Santa Marta	Tumaco	General, salt	538½	737	325
Acajutla	9	13.45	16	6.18	16	13.19	16	18.35	British	Pacific Steam Navigation Co	215.0	33.0	14.3	Cristobal	Champerico	General	577	1,273	706
Durango[1]	15	13.35	16	6.40	16	14.17	16	18.35	American	Malston Line	435.0	56.0	20.0	New York	Los Angeles	Ballast		7,642	5,274
Walter A. Luckenbach	15	19.50	16	7.35	16	15.49	16	16.50	American	Luckenbach Line	446.5	56.1	29.0	Boston	Los Angeles	General	9,100	8,785	6,567
Floridian	16	6.11	16	8.10	16	16.34	16	21.03	American	American-Hawaiian Line	415.0	53.7	23.0	New York	Los Angeles	General	4,711	7,273	5,105
Swiftstar[1]	16	8.20	16	8.55	16	17.18	17	5.40	American	Swiftsure Oil Transport Co	464.0	60.2	21.0	Providence	Los Angeles	Ballast		8,473	6,050
Mineola	16	1.15	16	10.54	16	18.28	17	8.09	American	Grace Line	298.6	40.0	19.0	New York	Pto. Chicama	General	2,100	2,835	1,805
Athenic	15	17.05	16	11.04	16	19.26	16	20.58	British	White Star Line	500.0	63.3	28.0	London	Auckland	General	7,200	12,896	9,571
Memphis City	15	20.10	16	12.28	16	20.26	16	21.51	American	U. S. Steel Products Co	424.2	56.2	26.10	Mobile	Yokohama	(6)	7,945		
Lackawanna	16	7.20	16	13.05	17	10.59			American	R. Bruce Somerville	260.0	39.2	21.8	Galveston	Portland	Sulphur	2,403		
No. 2072[5]	15		16		16	14.20			Panaman	A. Sardie				Cristobal	Gatun Lake	Unknown		3	3

[1] Tanker. [4] Returned to anchorage, 23.58 for repairs, and again cleared for sea, June 16, at 13.10. [5] Cayuca. [6] Steel products and cotton.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Agwisun	11	3.00	11	8.56	11	17.10	11	22.15	American	Ward Line	429.3	59.2	26.4	Los Angeles	New York	Crude oil	10,323	7,612	5,305
Santa Teresa	11	.30	11	9.09	11	16.20	11	21.21	American	Grace Line	360.2	51.6	22.8	Talcahuano	New York	General	3,160	5,726	4,086
H. M. Storey	11	7.30	11	9.52	11	17.45	11	17.45	American	Standard Oil Co	500.0	68.2	29.6	Los Angeles	Baltimore	Crude oil	15,000	11,224	7,849
John Worthington	11	7.20	11	10.09	11	19.00	11	19.55	American	Standard Oil Co. of N. J.	464.4	60.2	27.6	Los Angeles	New York	Fuel oil	12,500	8,491	6,096
San Gerardo	11	7.45	11	11.19	11	20.30	11	20.30	British	Eagle Oil Transport Co	530.2	68.5	30.6	Los Angeles	Tampico	Crude oil	16,773	13,427	9,342
Halsey	10	22.00	11	12.59	11	21.35	11	21.35	American	C. D. Mallory & Co	435.0	56.0	28.5	Los Angeles	New York	Crude oil	11,232	7,642	5,324
Delaware Sun	11	15.10	12	7.06	12	14.45	12	14.45	American	Sun Oil Co	480.5	66.0	28.0	Los Angeles	Philadelphia	Crude oil	13,000	9,402	6,586
Chuky	11	17.30	12	8.10	12	16.37	12	18.30	British	Chilean Steamship Co	440.8	56.1	14.0	Tocopilla	Tampico	Ballast		7,691	4,723
Herakles	11	17.45	12	8.45	12	17.45	12	18.50	Norwegian	Bruusgaards Co	398.8	54.1	25.0	Iquique	Wilmington	Nitrate	8,150	5,680	4,220
Sagadahoc	11	18.50	12	8.53	12	18.20	12	18.20	American	Argonaut Steamship Co	420.5	54.2	22.0	Portland	New York	Lumber, general	6,000	7,340	5,342
A. L. Kent	12	4.15	12	9.38	12	17.45	12	17.45	American	Crowell & Thurlow Intercoast	394.0	55.1	26.0	Portland	Baltimore	Lumber, general	6,500	7,047	5,030
Coaxet	12	9.50	12	10.31	12	18.50	12	21.20	American	Barber Line	401.4	53.2	26.0	Manila	Philadelphia	(7)	7,000	6,597	4,804
Bohemian Club	12	10.56	12	12.11	12	20.09	12	20.09	American	Atlantic Refining Co	425.0	57.2	27.2	Los Angeles	Philadelphia	Crude oil	10,000	7,204	4,769
British Sargeant	12	17.55	13	7.24	13	14.35	13	14.35	British	British Tanker Co., Ltd	400.6	54.1	26.6	San Francisco	London	Gasoline	7,742	6,432	3,904
Alameda	12	20.50	13	8.02	13	15.36	13	16.45	American	Standard Oil Co	430.0	58.0	26.0	Los Angeles	New York	Crude oil	9,553	7,425	5,356

[7] Sugar, copra and general.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Valdura	12	22.00	13	8.48	13	16.50	13	16.50	British	Gow, Harrison & Co	414.3	56.0	26.0	Iquique	Atlantic ports.	Nitrate of soda	8,406	6,101	4,358
R-24[8]			13	9.57	13	16.41			American	U. S. Navy				Balboa	Cristobal				
Ecuador	12	22.35	13	14.45	13	21.15	14	14.35	American	Pacific Mail Steamship Co	380.6	48.7	25.0	San Francisco	New York	(10)	2,500	5,926	4,178
Francis[9]			13	14.10	13				American					Gatun	Cristobal				
Newport	13	14.35	14	7.23	14	14.18			American	Pacific Mail Steamship Co	326.0	38.2	16.6	San Francisco	Cristobal	General, coffee	1,077	3,173	2,163
Yorba Linda	13	16.50	14	8.05	14	16.03	14	16.03	American	General Petroleum Co	435.0	56.2	29.0	Los Angeles	Philadelphia	Fuel oil	(11)	7,424	5,077
R-25[8]			14	8.30	14	16.00			American	U. S. Navy				Balboa	Cristobal				
Swiftwind	13	17.45	14	9.02	14	16.45	14	16.45	American	C. D. Mallory & Co	464.5	60.2	27.0	Los Angeles	Fall River	Crude oil	(12)	8,473	5,997
Eurydamas	13	21.30	14	9.57	14	17.05	14	17.05	British	Blue Funnel Line	410.0	35.0	25.1	Vancouver	London	General, wheat	6,870	5,718	4,189
Ucayali	13	23.30	14	13.05	14	19.55			Peruvian	Peruvian Line	374.7	46.3	18.6	Callao	Cristobal	General	1,483	4,466	2,405
Kofuku Maru	14	6.40	15	7.03	15	15.22	15	15.22	Japanese	Kabushiki Kaisha Kawasaki	385.0	51.0	27.0	Kobe	United Kdm.	Wheat	7,738	6,219	4,710
J. C. Donnell	14	19.50	15	7.48	15	16.27	15	16.27	American	Atlantic Refining Co	500.0	68.2	28.0	Los Angeles	Philadelphia	Crude oil	15,000	10,435	7,900
S. C. T. Dodd	15	2.00	15	8.35	15	16.40	15	16.40	American	Standard Oil Co	425.0	57.2	28.6	Los Angeles	Port Arthur	Distillate oil	9,800	7,481	4,975
Frederic R. Kellogg	15	5.06	15	9.53	15	17.36	15	17.36	American	Pan-American Pet. & Trans. Co.	425.8	57.0	27.8	Los Angeles	New Orleans	Crude oil	10,130	7,178	4,963
E. T. Bedford	15	4.10	15	11.15	15	19.47	15	19.47	American	Standard Oil Co. of N. J	499.2	68.1	30.0	Los Angeles	New York	Crude oil	15,788	11,009	7,967
Melville Dollar	15	5.00	15	11.58	15	20.50	15	20.50	American	Dollar Line	429.0	55.2	26.6	Vancouver	Boston	Lumber	7,500	7,581	5,519
Gold Shell	15	12.55	15	13.40	15	21.42	15	21.45	American	Asiatic Petroleum Co	211.6	53.4	24.0	Los Angeles	Tampico	Crude oil	7,680	6,201	4,336
West Greylock	15	13.30	15	14.20	15	22.50	15	22.50	American	Seas Shipping Co	430.7	54.3	23.6	San Francisco	Boston	(13)	6,000	7,946	5,698
S. B. Hunt	15	16.00	16	7.08	16	14.35	16	14.35	American	Standard Oil Co. of N. J	429.3	59.2	27.6	Los Angeles	New York	Crude oil	10,973	7,653	5,522
Richconcal	15	17.30	16	8.16	16	15.46	16	15.46	American	New England Fuel & Trans. Co.	435.0	56.0	28.0	Los Angeles	Boston	Crude oil	(14)	7,481	5,119
Gargoyle	15	18.00	16	8.24	16	16.56	16	16.56	American	Vacuum Oil Co	425.0	57.2	27.6	San Francisco	Paulsboro	Lubricating oil	10,100	7,510	4,989
Taketoyo Maru	15	18.20	16	8.51	16	17.20	16	17.20	Japanese	Nippon Yusen Kaisha	445.0	58.0	20.0	Kobe	New York	General	6,946	7,567	5,456
Victolite	16	4.06	16	9.51	16	18.22	16	18.22	British	Imperial Oil Co	500.4	68.2	29.9	Los Angeles	Montreal	Crude oil	15,000	11,049	7,732
Andrea F. Luckenbach	16	5.10	16	10.45	16	19.23	16	19.25	American	Luckenbach Line	496.0	68.2	27.6	Portland	Philadelphia	General	10,000	11,487	8,762
Agwismith	16	.32	16	11.00	16	21.06	16	21.06	American	Ward Line	499.9	68.1	28.2	Los Angeles	New York	Crude oil	15,000	10,600	7,447
Waimana	16	6.45	16	13.01	16	22.40	17	0.20	British	Shaw, Savill & Co	494.0	63.1	28.0	Wellington	London	Gen., froz. meats	7,011	11,229	8,252
Agwipond	16	8.30	16	13.31	16	23.25	16	23.25	American	Ward Line	468.3	62.7	27.6	Los Angeles	Baltimore	Crude oil	12,578	9,810	7,018

[8] Submarine. [9] Launch. [10] General, copper, canned goods. [11] 66,927 barrels. [12] 80,000 barrels. [13] Copper, wood, and canned goods. [14] 73,000 barrels.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, June 23, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Venezuela	16	12.47	17	6.13	17	12.55	17	22.30	American	Pacific Mail Steamship Co	380.0	48.7	20.8	New York	San Francisco	General	2,402	6,033	4,353
W. E. Hutton [1]	17	0.55	17	6.20	17	13.53	17	15.15	American	Pure Oil Steamship Co	435.0	56.0	21.0	New Orleans	Los Angeles	Ballast		7,481	5,120
Steelore	17	2.55	17	7.00	17	15.43	17	22.15	American	Ore Steamship Co	550.3	72.2	17.6	Baltimore	Cruz Grande	Ballast		15,551	4,297
Eburna [1]	17	5.55	17	8.10	17	15.38	17	17.20	British	Anglo-Saxon Petroleum Co	390.0	52.0	17.9	Tampico	Los Angeles	Ballast		5,058	3,292
Bochum	17	6.00	17	8.40	17	16.08	17	17.20	German	Kosmos Line	450.0	58.2	19.10	Hamburg	Los Angeles	General	4,192	7,812	5,495
Henry D. Whiton	17	7.30	17	9.08	17	17.05	17	22.50	American	Union Sulphur Co	356.0	51.6	25.0	Sabine	Los Angeles	Sulphur	6,500	5,367	2,925
Saint Jerome [1]	17	8.22	17	9.47	17	17.18	18	2.40	French	Association Petroliere	351.4	49.1	18.0	Swansea	Los Angeles	Ballast		4,390	2,949
Edgar Bowling	17	9.45	17	10.22	17	18.14	18	3.52	American	Garland Steamship Corp	410.5	54.3	24.0	New York	Seattle	General merch.	5,000	6,576	4,909
Cragness	17	11.15	17	11.30	17	19.12	17	20.20	British	Cornborough Shipping Line	409.5	52.7	26.2	New York	Adelaide	(6)	6,000	6,406	4,555
William G. Warden [1]	17	12.02	17	12.15	18	13.45	18	19.08	American	Standard Oil Co	500.0	68.2	22.0	Baltimore	Los Angeles	Ballast		10,524	7,600
Manuel Arnus	16	6.10	18	6.05	18	14.09	18	15.25	Spanish	Spanish Line	435.0	56.0	22.5	Barcelona	Valparaiso	General	261	7,732	5,518
Hadnot [1]	17	17.37	18	7.30	18	15.03	18	16.15	American	Steamer Freeport Co	416.9	56.2	18.0	New York	Los Angeles	Ballast		6,706	4,679
Pacific Maru	17	19.00	18	7.30	18	15.43	18	21.25	Japanese	Kawasaki Dockyard Co	385.0	51.0	24.6	Philadelphia	Valparaiso	(7)	424½	6,251	4,736
Japan Arrow [1]	17	20.35	18	7.54	18	16.27	18	17.20	American	Standard Transportation Co	468.3	62.7	21.0	New York	Los Angeles	Ballast		10,084	7,426
District of Columbia [1]	17	17.06	18	8.40	18	16.47	23	23.35	American	Walker & Daly (S. B.)	431.0	59.2	18.0	Fall River	Los Angeles	Ballast		8,097	5,362
Cerro Ebano [1]	17	22.52	18	9.00	18	17.06	18	18.05	American	Pan-American Pet. & Trans. Co	480.5	66.0	19.0	New York	Los Angeles	Ballast		9,398	6,453
Chester Sun [1]	15	22.48	18	10.05	18	18.06	18	24.00	American	Sun Oil Co	429.2	59.2	20.6	Chester	Los Angeles	Ballast		7,684	5,299
Agwibay [1]	18	6.23	18	10.33	18	19.14	19	2.10	American	Guarantee Trust Co	468.3	62.7	18.0	Baltimore	Los Angeles	Ballast		9,776	6,903
Jadden	18	9.10	18	11.00	18	19.54	19	6.44	American	Tampa Interocean S.S. Co. (S.B.)	410.5	54.2	25.0	Galveston	Manila	General	6,632	7,496	5,686
Westmoreland	18	9.45	18	12.12	18	20.57	18	22.06	British	Federal Steam Navigation Co	473.0	60.0	28.7	London	Auckland	General	7,200	10,385	7,505
Sailor [2]			18		18	15.09			American	J. A. Walker				Cristobal	Gatun Lake	Unknown		2	2
No. 76 [3]	17		18		18	15.09			American	J. A. Walker				Gatun Lake	Cristobal	Unknown		9	9
Hoven [1]	18	15.15	19	6.11	19	15.27	19	18.54	American	Walker & Daly (S. B.)	434.8	56.2	19.3	New York	Los Angeles	Ballast		7,426	5,144
Vindeggen	19	6.50	19	7.50	19	15.40	19	16.55	Norwegian	Jens Falkmans Rederi	330.8	46.8	17.10	Norfolk	Valparaiso	Coal	2,014	3,517	2,268
Iowan	19	9.22	19	9.30	19	16.32	19	24.00	American	American-Hawaiian Line	407.7	53.7	26.0	Baltimore	Seattle	General merch.	7,140	7,091	5,002
Maine	19	11.12	19	11.25	19	19.16	20	1.44	American	Frank B. Barns	402.0	54.2	26.4	Baltimore	Seattle	General	8,027	6,936	4,998
Delft	18	18.38	19	12.50	19	20.00	19	21.15	Dutch	Royal Netherlands W. I. Mail	369.0	50.0	21.3	Hamburg	Chilean ports	General	3,336	5,862	4,393
William Rockefeller [1]	19	13.25	19	13.40	19	21.39	19	22.50	American	Standard Oil Co	554.9	75.3	22.0	New York	Los Angeles	Ballast		14,785	10,313
Maryland [4]	19	22.05	20	5.05	20	16.48	20	18.00	American	U. S. Navy	600.0	96.0	33.0	Hampton Rds.	San Francisco	Ballast			
San Joaquin [1]	19	17.28	20	6.45	20	14.57	20	15.55	Norwegian	W. Wilhelmsen	425.4	57.1	16.0	Tampico	Port San Luis	Ballast		7,059	5,043
O-11 [5]			20	6.55	20	15.00			American	U. S. Navy	175.0	16.3		Cristobal	Balboa	Ballast			
O-13 [5]			20	6.55	20	15.00			American	U. S. Navy	175.0	16.3		Cristobal	Balboa	Ballast			
Bethelridge [1]	19	18.20	20	7.50	20	16.00	20	17.10	American	Walker & Daly (S. B.)	431.0	59.2	20.5	New York	Los Angeles	Ballast		7,819	5,094
O-14 [5]			20	8.00	20	16.03			American	U. S. Navy	175.0	16.3		Cristobal	Balboa	Ballast			

[1] Tanker. [2] Launch. [3] Barge. [4] Battleship. [5] Submarine. [6] General cargo, case oil and paraffine. [7] Locomotive and tender.

Carolinas	20	6.25	20	8.10	20	17.06	20	18.05	American	The Carolina Steamship Co	333.8	48.0	24.0	New Orleans	Los Angeles	General	4,500	4,171	2,827
O-16[8]			20	8.45	20	17.04			American	U. S. Navy	175.0	16.3		Cristobal	Balboa	Ballast			
Canadian Pioneer	20	8.50	20	9.05	20	18.15	20	21.40	British	Canadian Government	400.4	52.0	21.0	Montreal	Adelaide	General	3,500	5,877	4,070
Ucayali	14	19.55	20	10.30	20	18.59	20	23.06	Peruvian	Peruvian Line	374.7	46.3	18.6	Cristobal	Callao	General	426	4,466	2,405
O-12[8]			20	10.30	20	18.48			American	U. S. Navy	175.0	16.3		Cristobal	Balboa	Ballast			
Devolente[1]	20	10.37	20	11.05	20	19.36	20	20.43	American	Beacon Oil Co	435.0	56.0	18.6	New York	Los Angeles	Ballast		7,452	5,151
Osiris[9]	20	10.20	20	11.55	20	20.31	20	21.40	German	Kosmos Line	376.0	51.6	19.4	Bremen	Corral	General	3,010	5,788	4,023
Lucienne[10]	20	7.22	20	11.23	20	18.54	22	19.13	British	Clarence Wallace	80.5	19.8	11.0	Rotterdam	Vancouver	Ballast		116	19
Cold Harbor	19	21.50	20	12.55	20	21.19	20	22.32	American	N. Atl. & Western Co. (S. B.)	390.0	54.2	21.6	Philadelphia	Seattle	General, steel	5,000	6,167	4,290
Republic	20	15.26	21	6.20	21	15.00	21	17.00	American	Chile Steamship Co	345.1	49.1	14.0	New York	Tocopilla	General	850	4,393	3,006
Santa Luisa	20	19.57	21	6.25	21	13.39	21	17.40	American	Grace Line	360.2	51.0	25.5	New York	Talcahuano	General	3,344	5,694	3,975
William Penn[9]	20	16.33	21	7.30	21	15.27	22	.40	American	Barber Line (S. B.)	429.6	60.2	28.0	New York	Shanghai	Gen., case oil	10,059	9,019	6,226
Argonne[11]	21	0.10	21	7.50	21	16.16	23	.35	American	U. S. Navy	448.0	58.0	22.7	Philadelphia	San Francisco	Gen. navy cargo	572	8,407	5,212
Palena	17	21.30	21	9.28	21	17.09	21	18.10	Chilean	Chilean Line	350.0	42.1	22.8	Cristobal	Valparaiso	General	540	3,666	2,577
Talaralite[1]	21	10.40	21	10.55	21	19.30	23	8.55	British	Imperial Oil Co	250.0	43.0	18.0	Halifax	Talara	Ballast		2,631	1,570
Zenon	21	7.32	22	6.11	22	13.30	24	4.45	French	French Line	425.0	55.0	19.6	Antwerp	Vancouver	General	957	6,982	4,934
Surailco	21	13.57	22	6.55	22	15.00	22	16.10	American	Submarine Boat Corp	324.0	46.2	17.0	Newark	Tacoma	General, steel	2,500	3,984	2,612
R-23[8]			22	7.50	22	14.58			American	U. S. Navy	175.0	16.7		Cristobal	Balboa	Ballast			
R-27[8]			22	7.50	22	14.58			American	U. S. Navy	175.0	16.7		Cristobal	Balboa	Ballast			
F. J. Luckenbach	21	17.10	22	8.08	22	15.57	22	17.00	American	Luckenbach Line	446.0	56.0	30.0	Galveston	Seattle	General	9,200	8,508	6,179
Charles Pratt[1]	21	21.43	22	8.55	22	16.29	22	17.45	American	Standard Oil Co	500.0	68.0	21.0	Charleston	Los Angeles	Ballast		10,313	7,492
Paul Shoup[1]	21	22.35	22	9.10	22	16.48	22	17.55	American	Associated Oil Co	424.0	58.2	24.0	Fall River	Los Angeles	Ballast		7,333	5,119
Panaman	22	4.55	22	10.02	22	17.09	22	18.05	American	American-Hawaiian Line	407.7	53.7	22.8	Boston	Portland	General	5,300	7,098	5,029
Bologna	20	9.15	22	11.05	22	17.42	22	18.35	Italian	Italian Line	386.1	47.1	20.4	Genoa	Valparaiso	General	708	5,531	3,774
Almagro	20	16.13	22	12.10	22	18.48	22	19.58	British	Pacific Steam Navigation Co	303.4	43.0	14.2	New York	Guayaquil	General merch.	838	2,878	1,714
Port Lincoln	22	17.20	23	6.25	23	13.23	23	14.50	British	Commonwealth & Dom. Line	426.0	54.1	24.0	London	Sydney	General	5,809	7,544	5,256
Steel Ranger	22	23.05	23	7.10	23	15.05	23	19.02	American	Isthmian Line	424.2	56.2	27.0	New York	Vancouver	General, steel	8,350	7,611	5,450
Beckenham	23	7.00	23	7.40	23	16.18	23	19.50	British	Britain Steamship Co	370.0	50.6	24.0	Manchester	San Antonio	Coal	5,456		
Betterton[1]	23	7.10	23	8.35	23	16.54			American	Struthers & Barry (S. B.)	431.0	59.2	19.0	St. Thomas	San Luis	Ballast		7,822	5,197
Horace Luckenbach	23	8.00	23	9.15	23	17.35	23	18.37	American	Luckenbach Line	445.0	58.0	27.2	New York	Seattle	General	9,300	8,626	6,290
Siberian Prince	23	9.20	23	10.08	23	18.27	23	19.58	British	Prince Line, Ltd	423.5	56.0	24.6	Newport	Los Angeles	(12)	7,178	6,267	4,565
Agwistone	23	11.05	23	11.15	23	19.30	24	1.20	American	Atl. Gult & W. I. S. S. Co	499.9	68.1	23.0	New York	Los Angeles	Ballast		10,600	7,526

[1] Tanker. [8] Submarine. [9] Motor ship. [10] Tug. [11] Transport. [12] Tinplates, steel, pig iron and general.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Swiftlight[1]	17	3.22	17	11.08	17	19.10	17	19.10	American	C. D. Mallory & Co	464.6	60.2	25.0	Los Angeles	Fall River	Crude oil	11,000	8,473	6,050
Scottish Minstrel	17	9.00	17	11.38	17	20.11	17	20.11	British	Anglo-Saxon Petroleum Co	424.8	57.0	27.3	Los Angeles	Tampico	Crude oil	8,239	7,123	4,962
Palena	16	21.00	17	13.08	17	21.30	21	9.28	Chilean	Chilean Line	350.0	42.1	21.9	Talcahuano	Cristobal	General	65	3,666	2,576
Tuxpanoil[1]	17	14.30	18	7.08	18	15.40	18	20.00	American	McAllister Bros	431.0	59.2	26.0	Los Angeles	New York	Crude oil	9,500	7,862	4,979
Missourian[13]	17	19.00	18	7.28	18	16.13	18	16.13	American	American-Hawaiian Line	445.1	59.8	24.0	Seattle	New York	General, lumber	7,000	8,567	6,020
Alvarado	17	16.30	18	8.10	18	16.35	19	9.40	British	Pacific Steam Navigation Co	303.0	43.0	17.0	Guayaquil	New York	General	1,369	2,122	1,504
Edward L. Doheny, Jr.	17	19.45	18	8.13	18	17.15	18	17.15	American	Pan-American Pet. & Trans. Co.	467.6	62.7	28.10	Los Angeles	New Orleans	Crude oil	13,695	9,655	7,166
Calgarolite[1]	18	3.00	18	10.10	18	18.00	18	18.00	British	Imperial Oil Co	463.3	60.2	26.6	Talara	New York	Crude naptha	11,500	5,491	6,096

[1] Tanker. [13] Motor ship.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Elder Branch	18	5.30	18	10.15	18	19.15	18	23.00	British	Nautilus Steamship Co	380.3	49.7	23.3	Corral	Liverpool	General	6,170	4,951	3,592
Oriflamme [1]	17	15.55	18	11.34	18	20.05	18	22.15	British	Davis & Newman	400.5	51.2	26.0	San Francisco	Havre	Gasoline	3,804	5,929	4,178
Heffron	17	18.00	18	14.12	18	22.30	19	16.12	American	Tampa Interocean S. S. Co	440.0	56.0	30.0	Shanghai	New York	(14)	11,427	8,349	6,201
Nora [1]	18	14.30	19	6.58	19	14.50	19	14.50	American	Huasteca Petroleum Co	467.6	62.7	28.6	Los Angeles	New Orleans	Crude oil	14,000	9,918	7,468
Hugoton [1]	18	14.50	19	7.54	19	16.00	19	16.00	American	Malston & Co	434.8	56.2	26.0	Los Angeles	Baton Rouge	Crude oil	(15)	7,429	5,137
Bratsberg	18	18.30	19	8.40	19	17.05	21	11.20	Norwegian	Aktieselskabet Borgestad	395.9	49.6	21.6	Victoria	Boston	Lumber	4,600	4,263	3,042
Montrolite [1]	18	23.30	19	8.46	19	17.43	19	18.40	British	Imperial Oil Co	436.5	57.0	24.8	Talara	Habana	Crude petroleum	8,200	7,378	4,826
Edward Luckenbach	19	6.44	19	9.56	19	18.49	19	18.49	American	Luckenbach Line	436.6	57.2	28.6	Seattle	New York	General	7,128	8,543	6,427
Silver Shell [1]	19	5.43	19	11.08	19	19.56	19	19.56	American	Shell Oil Co	411.5	53.4	24.0	San Francisco	London	Lubricating oil	7,500	6,212	4,343
Dominion Miller	19	8.45	19	13.07	19	21.00	19	21.00	British	Furness, Withy & Co	420.0	54.0	26.0	Seattle	Havre	Grain, canned	8,600	6,996	5,386
Hampton Roads [1]	15	19.00	19	15.22	19	23.08	19	23.08	American	McAllister Bros	425.0	59.2	26.5	Los Angeles	Fall River	Crude oil	(16)	8,093	5,440
Chaumont	17	15.45	20	7.35	20	17.20	21	1.00	American	U. S. Navy	448.0	58.2	23.0	San Diego	New York	Navy stores	470	8,407	5,212
Junin	19	21.30	20	7.48	20	17.55	22	11.50	British	Pacific Steam Navigation Co	391.5	50.2	22.6	Caravel	Hull	General	3,619	5,930	4,395
J. W. Van Dyke [1]	19	0.00	20	8.54	20	18.48	20	18.48	American	Atlantic Refining Co	435.0	56.0	28.9	Los Angeles	Philadelphia	Crude oil	10,000	2,460	5,215
American Star	20	4.30	20	9.11	20	19.55	20	19.55	American	American Star Line	386.8	52.0	22.6	Grays Harbor	New York	Lumber	5,500	5,699	4,148
Lochkatrine	20	15.00	21	7.06	21	14.10	21	18.00	British	Royal Mail Steam Packet Co	485.0	62.0	30.6	Vancouver	Rotterdam	General	10,392	10,802	7,595
San Melito [1]	20	18.30	21	7.33	21	16.00	21	16.00	British	Anglo-Saxon Petroleum Co	530.0	66.5	28.0	Los Angeles	Tampico	Crude oil	15,180	12,381	8,800
Waipara	20	19.25	21	8.57	21	16.15	21	22.55	British	British India Steam Nav. Co	420.0	54.0	20.0	Lyttleton	Glasgow	General, frozen	2,760	.....	.....
Nebraskan	21	3.30	21	9.03	21	17.00	21	17.00	American	American-Hawaiian Line	368.6	55.2	20.6	Seattle	Philadelphia	Lumber, general	2,670	4,513	3,104
Teno	21	5.20	21	9.48	21	17.40	22	1.38	Chilean	Chilean Line	421.8	56.0	23.9	Valparaiso	New York	General	3,013	7,758	4,672
Lompoc [1]	21	6.00	21	10.03	21	18.15	21	18.15	British	C. T. Bowring & Co	435.0	55.9	28.0	Los Angeles	Tampico	Crude petroleum	9,600	7,496	5,311
Urubamba	21	6.00	21	14.09	21	21.20	....	.....	Peruvian	Peruvian Line	381.2	46.1	16.6	Ilo	Cristobal	General	1,293	4,803	2,951
Huguenot [1]	21	10.10	21	15.20	21	22.45	22	4.10	American	McAllister Bros	434.8	56.2	27.1	Los Angeles	New York	Crude oil	10,300	7,394	5,099
Katrina Luckenbach	21	18.15	22	7.09	22	14.04	22	14.05	American	Luckenbach Line	446.0	56.1	26.6	Portland	Mobile	(17)	6,400	8,508	6,179
K. R. Kingsbury [1]	21	22.00	22	7.51	22	15.33	22	15.33	American	Standard Oil Co	440.0	58.2	31.0	San Francisco	New York	Crude oil	10,775	9,033	5,938
Trontolite [1]	22	6.15	22	9.12	22	18.05	22	22.15	British	Imperial Oil Co	420.8	57.0	26.0	Talara	New York	Crude oil	9,250	7,240	4,713
Matinicock [1]	22	8.40	22	9.48	22	18.47	22	18.47	American	Standard Oil Co	459.0	60.0	25.0	Los Angeles	New York	Bulk oil	10,300	8,171	5,882
Laura C. Hall	22	9.30	22	13.51	22	20.40	24	6.23	British	Pacific Metals Corp	81.0	26.0	9.6	Buenaventura	Cristobal	Platinum	50	132	72
Oroya [1]	22	18.40	23	7.12	23	15.10	23	21.10	British	Pacific Steam Navigation Co	525.3	62.1	26.6	Valparaiso	Liverpool	General	5,819	13,133	9,064
Norlina	23	5.00	23	8.25	23	16.05	23	16.05	American	Garland Steamship Corp	385.0	51.1	25.6	Portland	Philadelphia	Lumber, copper	5,971	5,466	4,181
Steelmaker	23	8.40	23	9.18	23	16.35	23	16.35	American	Isthmian Line	395.5	55.0	25.6	Everett	Baltimore	(18)	7,288	7,285	5,256
Orleans	23	0.30	23	9.52	23	17.05	23	17.05	American	American-Hawaiian Line	395.5	55.0	22.6	Bellingham	Boston	Lumber	5,350	7,330	5,233

[1] Tanker. [14] Rice, sugar, hemp, lumber, Chinese merchandise, wood, oil. [15] 76,032 barrels. [16] 65,130 barrels. [17] Lumber, shingles, and general. [18] Lumber and manganese.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

(Continued on page 616, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, June 30, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Kennecott[2]	23	15.45	24	6.40	24	14.14	24	15.58	American	Alaska Steamship Co	345.3	49.6	22.4	New York	Los Angeles	General, steel	5,426	4,593	3,381
Santa Gertrudis	23	20.00	24	6.48	24	14.23	24	15.26	British	San Antonio Steamship Co	238.6	36.0	16.0	Pto. Mexico	Mazatlan	(4)	869	1,492	835
Laura C. Hall[3]	22	20.40	24	6.23	24	15.01	25	13.04	British	Pacific Metals Corp	81.0	26.0	9.0	Cristobal	Buenaventura	Machinery	12	132	72
Cape Ann[1]	23	20.43	24	7.10	24	15.06	28	19.05	American	Cape Steamship Co	425.8	57.0	17.0	Mobile	Los Angeles	Ballast		7,484	5,216
Port Chalmers	23	22.01	24	7.55	24	15.49	24	17.00	British	Commonwealth & Dom. Line	449.0	55.0	27.0	London	New Plymouth	General	6,600	8,264	5,863
Antietan[1]	24	7.00	24	8.47	24	16.05	24	17.20	American	D. Berg. Ind. Alchol Co	435.6	56.2	18.0	New York	Los Angeles	Ballast		7,426	5,094
Agwihavre[1]	24	9.40	24	9.55	24	17.20	25	2.35	American	Agwi Steamship Co	480.5	66.0	19.0	New York	Los Angeles	Ballast		9,394	6,305
Santa Malta	24	10.23	24	10.40	24	18.16	24	19.26	American	Atlantic & Pacific Steamship Co.	404.6	53.9	28.1	Baltimore	Puget Sound	General	8,138	6,766	4,809
George Washington[2]	24	17.20	25	6.17	25	14.01	26	3.40	Norwegian	Peter Olsen	425.5	55.3	27.6	Kristiansund	San Francisco	General	9,263	7,505	5,627
Pacific	24	19.40	25	7.20	25	14.50	25	23.39	American	Argonaut Steamship Co	399.7	56.2	25.0	Baltimore	Honolulu	General	8,323	6,479	4,709
Ranenfjord	24	21.25	25	8.00	25	16.15	26	1.28	Norwegian	Norwegian American Line	385.0	50.0	27.0	London	Portland	(5)	6,612	5,821	4,108
Argon[1]	25	1.20	25	8.55	25	17.53	25	19.15	American	Standard Transportation Co	435.6	56.2	18.0	New York	Los Angeles	Ballast		7,386	5,137
Tyne Maru	25	6.40	25	9.18	25	18.51	26	14.55	Japanese	Kabushiki Kaisha K. Zosenjo	385.0	51.0	25.3	New York	Kobe	Gen., phosphates	7,574	6,251	4,700
Acme[1]	25	11.25	25	11.40	25	19.34	25	20.40	American	Standard Transportation Co	435.0	56.0	22.0	New York	Los Angeles	Ballast		7,165	4,627
H. H. Rogers[1]	25	14.31	26	6.30	26	13.52	26	15.14	American	Standard Oil Co	500.0	68.0	18.0	Baltimore	Los Angeles	Ballast		10,308	7,668
Oak Branch	26	5.35	26	7.25	26	14.24	26	23.50	British	Nautilus Steamship Co	385.0	49.9	17.0	Liverpool	Guayaquil	General	2,500	5,209	4,035
Agwilake[1]	26	7.03	26	8.47	26	16.28	26	22.48	American	Atlantic Gulf & W. I. S. S. Co	468.3	62.7	21.6	Boston	Los Angeles	Ballast		9,802	6,957
Newport	17	14.18	26	12.22	26	19.15	27	2.00	American	Pacific Mail Steamship Co	326.0	38.2	18.3	Cristobal	San Francisco	General	1,601	3,173	2,163
LaMarsellaise	23	5.46	27	6.15	27	14.43	27	20.00	French	Compagnie de Nav. Mixte	429.5	58.3	28.2	New York	Shanghai	(6)	8,200	8,175	5,641
Perene	26	14.48	27	6.35	27	15.36	27	16.45	Peruvian	Peruvian Line	284.1	39.1	15.0	Iquitos	Callao	Gen., lumber	904	2,168	1,529
Robert E. Hopkins[1]	26	17.42	27	7.22	27	16.18	27	17.38	American	Tidewater Oil Co	424.4	58.2	20.6	New York	Los Angeles	Ballast		7,333	5,244
Paul Luckenbach	26	21.00	27	7.50	27	16.44	27	17.38	American	Luckenbach Line	471.1	59.2	21.0	New York	Los Angeles	General	7,000	9,027	6,539
Chuky[1]	27	5.35	27	9.05	27	17.17	27	20.00	British	Sheridan Steamship Co	440.8	56.0	26.6	Tampico	Tocopilla	Crude oil	9,593	7,691	4,723
H. M. Storey[1]	27	9.23	27	9.40	27	18.05	27	19.20	American	Standard Oil Co	500.0	68.2	22.0	Baltimore	Los Angeles	Ballast		11,224	7,849
Herman Frasch	27	14.35	28	6.43	28	13.45	28	19.00	American	Union Sulphur Co	356.0	51.6	25.7	Sabine	Los Angeles	Sulphur	6,500	5,349	2,950
I. C. White[1]	27	19.03	28	7.35	28	15.00	28	16.15	American	Pan-American Pet. & Trans. Co.	429.3	59.2	21.0	New York	Los Angeles	Ballast		7,925	5,840
Moorish Prince	27	14.58	28	8.15	28	15.44	28	16.55	British	Prince Line, Ltd	425.5	56.4	26.10	New York	Shanghai	(7)	7,099	7,629	5,707
Agwisea[1]	28	7.50	28	8.40	28	16.34	28	21.10	American	Agwi Steamship Line	468.3	62.7	21.0	New York	Los Angeles	Ballast		9,802	6,961
Swifteagle[1]	28	10.05	28	10.35	28	18.35	28	23.40	American	Swiftsure Oil Co	464.0	60.0	28.0	Fall River	Los Angeles	Ballast		8,473	5,997
Urubamba	21	21.20	28	10.50	28	17.32	28	19.15	Peruvian	Peruvian Line	381.2	46.1	18.8	Cristobal	Callao	General	336	4,803	2,951
Dinteldijk[2]	25	20.47	28	11.42	28	20.03	28	22.03	Dutch	Holland-American Line	485.0	62.0	26.0	Rotterdam	San Francisco	General	8,503	10,786	7,551
El Oso[1]	28	17.13	29	6.20	29	14.03	29	18.32	British	Lobitos Oilfields, Ltd	440.5	57.5	18.6	London	Los Angeles	Ballast		7,478	4,964
Texan	28	15.20	29	7.15	29	14.42	29	15.45	American	American-Hawaiian Line	471.0	57.2	24.0	New York	Seattle	General	7,100	9,154	6,903
Sunoil[1]	28	22.58	29	8.05	29	16.10	29	23.28	American	Sun Oil Co	430.0	58.2	25.0	Middlesborough	Vancouver	Creosote	9,412	7,439	5,209
Steel Traveler	29	4.10	29	8.50	29	17.07	29	22.05	American	U. S. Steel Products Co	424.2	56.2	29.6	Baltimore	Batavia	Steel, general	9,286	7,698	5,509

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Case oil and grease. [5] Pig iron and cement. [6] General, kerosene, sulphur, rosin and motor cars. [7] Gasoline, case oil and general.

Alden Anderson[1]	29	14.57	30	6.30	30	13.42	7-1	3.22	American	Associated Oil Co.	426.9	54.6	22.2	Fall River	Los Angeles	Ballast		7,340	5,236
Orcus	29	11.15	30	7.24	30	16.10	30	17.20	American	Wessel, Duval & Co. (S. B.)	380.2	53.1	14.3	New York	Talcahuano	General	788	5,667	4,227
John Worthington[1]	29	18.45	30	7.27	30	15.09	30	16.10	American	Standard Oil Co.	464.0	60.0	20.4	New York	Los Angeles	Ballast		8,491	6,096
City of Newcastle	30	6.25	30	8.20	30	17.00	30	18.04	British	Hall Line, Ltd.	456.5	56.4	18.6	Hull	San Francisco	(9)	916¼	8,319	6,288
Circinus	30	7.15	30	8.40	1	13.40	1	20.06	American	Planet Steamship Corp.	410.0	54.2	25.0	Baltimore	San Francisco	(10)	7,805	6,585	4,791
No. 2072[8]	28		30		30	10.00			Panaman	A. Sardie				Gatun Lake	Cristobal	Unknown		3	3
Montrolite[1]	30	0.10	30	11.20	30	18.24	30	22.04	British	Imperial Oil Co.	421.0	57.3	15.8	Habana	Talara	Ballast		7,378	4,752
S. C. T. Dodd[1]	30	11.40	30	11.50	30	19.09	30	20.22	American	Standard Oil Co.	425.0	57.2	21.0	Port Arthur	San Francisco	Ballast		7,481	4,975
Alameda[1]	30	11.45	30	noon	30	19.55	30	20.25	American	H. A. & G. Craig	430.0	58.2	23.0	New York	Los Angeles	Ballast		7,425	5,356

[1] Tanker. [8] Cayuca. [9] Joists, oil rags, alum, and copal.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

[10] General, steel, iron pipe.

W. W. Mills[1]	23	14.30	24	7.24	24	14.25	24	14.25	American	Pure Oil Steamship Co.	424.4	58.2	27.6	Los Angeles	Marcus Hook	Crude oil	10,432	7,353	5,119
Livingston Roe[1]	23	21.30	24	7.55	24	15.41	24	15.41	American	Standard Oil Co. of N. J.	462.4	60.2	27.6	Los Angeles	New York	Crude oil	11,796	8,491	6,065
Santa Cecelia	24	7.30	24	8.47	24	15.47	24	15.47	American	Planet Steamship Co.	404.6	53.9	26.6	Vancouver	New York	Lumber, general	5,500	6,745	4,562
J. N. Pew[1]	24	9.10	24	9.50	24	17.30	24	17.30	American	Sun Oil Co.	480.5	66.0	28.4	Los Angeles	Philadelphia	Crude oil	13,300	9,493	6,612
Ohioan	24	7.55	23	11.40	24	18.25	24	18.25	American	American-Hawaiian Line	407.7	53.7	22.0	Los Angeles	New York	General	4,651	7,112	4,896
Fearless[11]	24	13.30	25	6.50	25	15.35	26	6.45	American	Whitney, Bodden Brokerage Co.	182.4	38.5	17.6	Bellingham	Antilla	Fur lumber	(13)	777	670
Commercial Trader	24	21.10	25	6.59	25	15.50	25	16.35	American	Moore & McCormick	399.0	51.0	23.0	Vancouver	New York	Lumber, general	5,120	6,189	4,454
Radames	24	23.50	25	7.48	25	15.53	25	19.00	German	Kosmos Line	380.7	47.0	23.1	Valparaiso	Hamburg	General	5,100	4,970	3,486
Cerro Azul[1]	25	2.45	25	8.23	25	16.57	25	16.57	American	Huasteca Petroleum Co.	480.5	66.0	28.0	Los Angeles	New Orleans	Crude oil	11,000	9,398	6,453
Birmingham City[1]	25	2.33	25	8.57	25	17.40	25	20.20	American	Isthmian Line	395.5	55.0	23.6	Vancouver	United Kdm.	Lumber, general	9,340	6,886	4,675
Balboa	25	7.18	25	10.23	25	18.40	27	22.15	Colombian	Compania Costanera Colombiana	190.0	29.1	15.0	Buenaventura	Pto. Colombia	General	569	736	335
Santa Ana	25	7.05	25	11.50	25	18.45	25	22.20	American	Grace Line	360.2	51.6	25.0	Valparaiso	New York	(14)	3,834	5,776	4,081
Cauca	24	24.00	25	12.14	25	19.50			British	Pacific Steam Navigation Co.	246.0	25.2	14.7	Champerico	Cristobal	General	792	1,589	1,018
Theben	25	9.30	25	12.18	26	13.05	26	16.20	German	Kosmos Line	339.0	48.0	19.6	Victoria	Boston	Lumber	2,753	4,094	2,924
Mina Brea[1]	25	13.40	25	14.44	25	23.00	26	1.15	British	Imperial Oil Co.	300.3	49.2	24.0	Talara	Habana	Crude oil	5,910	4,437	2,717
Agwiworld[1]	25	11.00	25	15.06	25	23.36	25	23.36	American	Ward Line	429.3	59.2	26.6	Los Angeles	New Orleans	Crude oil	10,100	7,624	5,409
W. F. Burdell[1]	24	17.36	26	6.49	26	14.47	26	14.47	American	Pure Oil Steamship Co.	435.0	56.0	26.0	Los Angeles	Philadelphia	Crude oil	(15)	7,433	5,092
Solano[1]	25	17.45	26	7.56	26	15.53	26	15.53	American	Pacific Mail Steamship Co.	419.5	56.5	27.6	Los Angeles	Fall River	Fuel oil	11,000	7,060	5,025
Rotorua	25	8.30	26	8.55	26	16.38	26	23.59	British	New Zealand Shipping Co.	526.4	61.4	25.6	Wellington	London	Frozen, general	5,338	12,846	9,439
Cecil County[1]	25	23.30	26	9.46	26	18.15	26	22.50	American	Walker & Daly (S. B.)	431.0	59.2	25.0	Los Angeles	Fall River	Crude oil	9,635	8,097	5,261
Marinula[1]	26	4.00	26	10.55	26	19.30	26	23.45	British	Anglo-Saxon Petroleum Co.	440.0	54.3	28.0	Los Angeles	Balboa[16]	Bulk fuel oil	8,383	7,631	5,238
British Workman[1]	26	6.00	27	7.08	27	14.53	27	14.53	British	British Tanker Co.	440.4	57.0	27.6	San Francisco	Lands End[16]	Fuel oil	9,477	7,707	5,027
R-23[12]			27	7.11	27	14.50			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
R-27[12]			27	7.11	27	14.50			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
O-13[12]			27	7.11	27	14.50			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
O-16[12]			27	7.11	27	14.50			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
O-11[12]			27	7.17	27	14.50			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
O-14[12]			27	7.17	27	14.50			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
Mackworth	26	18.00	27	8.07	27	16.14	27	16.14	British	R. S. Dagliesh, Ltd.	345.0	48.0	24.6	Iquique	New Orleans	Nitrate of soda	6,300	4,364	3,235
Fred W. Weller[1]	27	1.30	27	9.12	27	17.25	27	17.35	American	Standard Oil Co.	500.0	68.0	29.6	Los Angeles	New York	Crude oil	15,382	10,928	7,710

[1] Tanker. [11] Sail boat. [12] Submarine. [13] 897,000 board feet. [14] Copper, nitrate, cotton, etc. [15] 71,990 barrels. [16] For orders.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Cacique	27	5.55	27	9.57	27	17.45	27	17.45	American	Pacific Mail Steamship Co	394.2	52.3	28.10	San Francisco	Baltimore	(19)	7,200	6,652	4,913
Leon XIII	27	9.10	27	11.00	27	18.44	29	2.30	Spanish	Spanish Royal Mail Line	412.7	43.1	20.6	Valparaiso	Barcelona	General	84	5,521	3,729
Agwistar	27	9.40	27	11.17	27	19.35	27	19.35	American	American-Hawaiian Line	370.0	53.1	21.0	Tacoma	Baltimore	General, shingles	5,000	5,523	4,068
Birmingham			28	8.35	28	14.55	30	17.30	American	U. S. Navy	416.0	45.0	18.0	Balboa	Cristobal				
Sciota			28	8.38	28	17.42			American	U. S. Navy	155.0	30.0		Balboa	Cristobal				
Benvorlich	28	9.50	28	10.52	28	17.50	28	20.50	British	Ben Line Steamers, Ltd	400.6	52.2	21.6	Suva	Pasages	Copra	5,185	5,770	4,073
John D. Rockefeller[1]	28	10.00	28	11.13	28	19.02	28	19.02	American	Standard Oil Co. of N. J	458.3	60.0	26.0	Los Angeles	New York	Crude oil	10,291	8,633	6,314
Havre Maru	28	11.55	28	13.31	28	20.30	28	20.30	Japanese	Osaka Shosen Kaisha	407.3	50.1	21.0	Singapore	New York	(20)	4,413	6,234	4,496
Munaires	28	4.00	28	14.50	28	21.40	29	1.10	American	Munson Line	370.0	53.1	23.0	Tacoma	New York	Lumber	5,260	5,577	4,225
Breckenridge[17]			28	8.00	28	9.56			American	U. S. Army				Balboa	Miraflores				
Walter Jennings[1]	28	18.30	29	7.29	29	15.31	29	15.31	American	Standard Oil Co. of N. J	499.2	58.1	30.0	Los Angeles	New York	Crude oil	17,000	11,038	7,995
British Light[1]	28	23.00	29	7.56	29	16.40	29	17.58	British	British Admiralty	419.7	54.4	26.6	Los Angeles	Tampico	Crude oil	8,473	6,763	4,374
James McGee[1]	29	7.30	29	9.49	29	17.48	29	17.48	American	Standard Oil Co. of N. J	499.1	68.2	29.6	Los Angeles	New York	Crude oil	7,700	10,964	7,909
Margaret Coughlan	28	23.00	29	11.19	29	19.00	29	20.00	British	Ocean Carriers Co., Inc., N. Y.	411.5	54.1	24.6	Vancouver	Montreal	(21)	7,400	6,624	4,998
Mexican	29	5.30	29	12.20	29	20.05	29	20.05	American	American-Hawaiian Line	472.3	57.2	27.6	Los Angeles	New York	General, lumber	9,439	9,258	6,874
Crowl[17]			29	10.25	29	11.16			American	U. S. Army				Balboa	Miraflores				
O-12[18]			30	7.28	30	15.35			American	U. S. Navy	175.0	16.4		Balboa	Cristobal				
J. W. Clise	29	7.30	30	7.26	30	16.57			American	L. A. Scott	185.6	41.0	18.5	Port Townsend	Nuevitas	Oregon pine	(22)	860	733
Artigas	29	17.15	30	7.57	30	15.42	30	15.42	American	N. Atlantic & Western S. S. Co.	390.0	54.2	24.6	Seattle	Philadelphia	Lumber, general	6,525	6,204	4,314
Salvador	30	6.35	30	8.52	30	16.15			British	Pacific Steam Navigation Co	225.0	35.4	12.3	Champerico	Cristobal	(23)	110	1,270	735
Jan Van Nassau	30	8.20	30	9.38	30	17.15	1	8.05	Dutch	Royal Netherlands W. I. Mail	346.2	44.3	21.6	Valparaiso	Hamburg	General	3,930	3,819	2,632
Neponset	30	9.00	30	10.54	30	18.05	30	18.05	American	A. E. Mittnacht (S. B.)	434.3	57.6	22.6	San Francisco	New York	General	4,576	7,893	5,621
Valdez	30	12.50	30	11.19	30	19.40	1	8.05	American	Norton, Lilly & Co	244.0	43.2	18.6	Grays Harbor	New York	Lumber fir	(24)	2,545	1,938
David McKelvy[1]	30	2.00	30	12.16	30	20.18	30	20.18	American	Tidewater Oil Co	430.0	59.1	26.0	Los Angeles	New York	Crude oil	10,600	7,629	5,393
San Juan	30	9.00	30	13.54	30	21.45			American	Pacific Mail Steamship Co	283.0	37.0	14.3	San Francisco	Cristobal	(25)	750	2,379	1,593
Alvarado	30	13.20	30	14.21	30	23.02	1	2.35	American	Swayne & Hoyt	245.0	41.5	24.0	Seattle	New Orleans	General	1,677	2,122	1,504

[1] Tanker. [17] Launch. [18] Submarine. [19] Lumber, copper, canned goods. [20] Oil, rubber, and general. [21] Lumber, and canned salmon. [22] 905,516 board feet. [23] Coffee, hides, wood, and raw cotton. [24] 15,000,000 board feet. [25] Coffee, sugar, and general merchandise. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
June 24	Toloa	United Fruit Co	Port Limon.	June 24	P. de LaTouche	French Line	Havre via wayports.
June 24	Abangarez	United Fruit Co	New Orleans via Habana.	June 24	Toloa	United Fruit Co	New York via Habana.
June 24	Camden	United Fruit Co	Tampico.	June 25	Camden	United Fruit Co	Tampico.

*Other than ships passing through the Canal.

(Continued on page 628, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, July 7, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Halsey [1]	30	16.17	7-1	6.50	7-1	14.15	7-1	18.10	American	Malston Steamship Co	435.0	56.0	23.0	New York	Los Angeles	Ballast		7,642	5,324
Delaware Sun [1]	30	16.23	1	7.15	1	14.42	1	19.11	American	Sun Oil Co	480.5	66.0	21.0	Philadelphia	Los Angeles	Ballast		9,402	6,586
Rochester [2]	28	12.35	1	7.45	1	15.41			American	U. S. Navy	384.0	64.9	28.3	New York	Balboa	Ballast			
Suedco	30	23.35	1	8.10	1	16.19	1	17.39	American	Submarine Boat Corp	324.0	46.2	19.0	Newark	Los Angeles	General, steel	3,000	3,984	2,612
Elswick Park	30	21.55	1	8.45	1	16.37	1	17.55	British	Elswick Steamship Co	364.0	51.0	14.6	Baltimore	Humbolt Bay	Ballast		5,063	3,525
Bohemian Club [1]	7-1	2.35	1	9.10	1	17.02	1	18.10	American	Atlantic Refining Co	425.0	57.3	18.0	Philadelphia	Los Angeles	Ballast		7,204	4,769
Lio [1]	1	12.05	1	12.25	1	19.23	2	14.00	American	McAllister Bros. (S. B.)	431.0	59.2	20.0	Philadelphia	San Francisco	Ballast		7,817	5,082
Essequibo	30	21.37	1	13.30	1	20.18	1	21.18	British	Pacific Steam Navigation Co	450.0	57.0	24.0	New York	Valparaiso	General	2,585	9,099	6,117
Miss Cristobal [3]			1		1				American	T. C. Knapp				Cristobal	Balboa	Ballast		2	2
Bernice G. [3]	28		1		1	8.39			American	O. E. McCoin				Cristobal	Gatun Lake	Ballast		2	2
U. S. S. Kanawha [1]	7-1	6.55	2	5.55	2	12.45	4	2.30	American	U. S. Navy	455.0	56.0	22.6	Key West	Los Angeles	Ballast			
Chas. R. McCormick	1	13.30	2	7.15	2	14.40	3	17.45	American	McCormick Intercoastal Co	401.0	53.2	27.2	New York	Los Angeles	Steel, general	8,212	7,082	5,167
Losada [4]	1	3.05	2	7.41	2	15.02	2	16.20	British	Pacific Steam Navigation Co	406.1	54.2	20.2	Hull	Valparaiso	General	4,416	7,221	4,844
Oregonian	2	5.20	2	8.27	2	15.45	2	17.10	American	American-Hawaiian Line	406.8	51.1	26.0	Baltimore	Tacoma	General	6,700	5,959	4,203
Steel Scientist	2	6.25	2	9.10	2	16.38	2	20.55	American	U. S. Steel Products Co	424.2	56.2	25.5	New York	San Diego	General, steel	7,809	7,611	5,454
Gold Shell [1]	2	6.32	2	10.10	2	17.17	2	18.35	American	Gold Shell Steamship Co	411.6	53.4	21.6	Tampico	Los Angeles	Ballast		6,201	4,336
Almelo	1	13.15	2	11.35	2	19.05	2	20.12	Dutch	Royal Netherlands W. I. Mail	440.0	62.6	19.11	Curacao	Corral	General	3,949	9,403	6,653
Sunbeam [1]	2	11.43	2	12.05	2	20.06	3	4.40	American	Sun Oil Co	429.3	59.2	19.1	New York	Los Angeles	Ballast		7,709	5,481
Juvigny	2	12.45	2	13.08	2	21.03	3	3.19	American	Independent Steamship Co	251.0	43.6	21.6	Galveston	Portland	Sulphur	3,418	2,653	1,611
Eastern Moon	2	14.47	3	6.18	3	13.47	3	15.00	American	U. S. & A. Line (S. B.)	384.8	51.2	23.6	New York	Brisbane	(6)	8,000	5,904	4,321
Kosmo	2	15.52	3	7.30	3	14.57	3	16.20	British	Ellerman, Bucknell Line	420.0	54.1	22.0	New York	Auckland	General	3,562	6,599	4,992
George Allen	2	20.21	3	7.35	3	15.56	3	20.26	American	Garland Steamship Co	385.3	51.3	19.6	New York	Seattle	General	5,404	6,224	4,465
Imlay [1]	2	22.35	3	8.35	3	16.46	3	21.58	American	Malston Steamship Co	425.8	57.0	19.6	New York	San Pedro	Ballast		7,218	4,959
City of Christiania	2	7.35	3	8.55	3	16.50	3	18.40	British	Ellerman Lines, Ltd	380.1	53.0	22.3	New York	Adelaide	General	4,000	6,440	4,822
Glyndon	3	0.15	3	9.06	3	17.40	4	.01	American	Glyndon Steamship Co	289.0	44.1	19.0	Freeport	San Francisco	Sulphur	3,053	2,939	2,024
Mojave [1]	3	4.10	3	10.05	3	19.00	4	1.10	American	General Petroleum Co	435.0	56.2	19.0	Rouen	Los Angeles	Ballast		7,434	5,066
Yorba Linda [1]	3	6.30	3	10.45	3	19.20	3	20.40	American	General Petroleum Co	435.0	56.2	21.0	Point Breeze	San Pedro	Ballast		7,424	5,077
Patuxent [5]			3	10.05	3	18.33			American	U. S. Navy	156.0	29.0		Cristobal	Balboa	(7)			
Agamemnon	3	11.00	4	6.15	4	13.03	4	14.23	British	Ocean Steamship Co	442.1	52.0	27.10	Boston	Shanghai	General	6,769	7,004	4,849
Gymeric [1]	3	18.00	4	7.25	4	14.15	4	15.22	British	Andrew Weir & Co	420.3	54.6	19.2	Southampton	San Francisco	Ballast		6,501	4,459
S. B. Hunt [1]	3	19.46	4	7.55	4	14.41	4	15.48	American	Standard Oil Co	429.3	59.2	25.8	New York	San Pedro	Ballast		7,652	5,522
Edward L. Doheny III [1]	3	22.55	4	8.55	4	15.20	4	16.30	American	Pan-American Petroleum Co	467.6	62.7	21.0	Providence	Los Angeles	Ballast		9,666	7,034
Hugoton [1]	4	1.15	4	9.11	4	16.07	4	20.50	American	C. D. Mallory & Co	434.8	56.2	21.0	Baton Rouge	San Pedro	Ballast		7,429	5,141

[1] Tanker. [2] Cruiser. [3] Launch. [4] Motor ship. [5] Tug. [6] General, petroleum products, gasoline and case oil. [7] Towing lighter III.

Hagood[1]	4	1.55	4	9.50	4	16.44	4	18.12	American	Cities Service Corp	435.6	56.2	19.0	Philadelphia	Los Angeles	Ballast		7,426	5,123
Canada[8]	4	3.35	4	10.50	4	18.45	5	15.47	Swedish	Johnson Line	426.9	56.2	25.6	Gothenborg	San Francisco	General	8,556	7,476	5,456
Knight Companion	4	11.20	4	11.35	4	17.51	4	22.55	British	Alfred Holt & Co	470.4	58.0	23.0	Glasgow	Seattle	General	6,776	8,546	6,263
Toba Maru	4	6.05	4	12.15	4	19.31	4	20.23	Japanese	Nippon Yusen Kaisha	445.0	58.0	22.8	New York	Yokohama	General	5,932	8,058	5,743
Arabien	4	15.12	5	6.25	5	14.30	5	18.46	Danish	Orient Steamship Co	385.0	53.3	27.8	New York	Manila	(12)	7,874	6,080	4,607
Santa Teresa	4	18.07	5	6.25	5	13.42	5	14.50	American	Grace Line	360.2	51.6	25.0	New York	Talcahuano	General	2,618	5,726	4,086
Point Lobos	4	18.47	5	6.30	5	14.53	5	19.26	American	Pacific Mail Steamship Co	289.0	44.0	20.0	Mobile	San Francisco	General	3,100	2,895	1,967
K. I. Luckenbach	5	3.15	5	7.12	5	15.57	5	19.26	American	Luckenbach Line	446.0	56.0	31.0	Boston	Seattle	General	9,000	8,552	6,236
Sutransco	5	4.20	5	7.40	5	16.25	5	17.54	American	Transmarine Corp	324.0	46.2	16.6	Newark	Seattle	General	1,700	3,984	2,612
Cissy	4	15.01	5	7.47	5	16.33	5	17.54	Norwegian	Torp & Wiese	289.5	44.2	19.4	New Orleans	Talcahuano	General	2,204	2,976	2,119
Agwipond[1]	5	6.00	5	8.52	5	17.14	5	22.18	American	Atlantic Gulf & W. I. S. S. Co	468.3	62.7	28.5	Baltimore	San Pedro	Ballast		9,810	7,018
Chicago Maru	5	7.50	5	8.38	5	17.22	5	18.51	Japanese	Osaka Shosen Kaisha	410.0	51.0	29.0	Galveston	Los Angeles	General	3,518	6,123	4,282
Huasco	1	17.15	5	10.00	5	17.56	5	18.58	Chilean	Chilean Line	380.0	44.0	21.3	Cristobal	Valparaiso	General	482	4,552	3,182
Mineric	4	21.05	5	10.10	5	18.51	5	23.19	British	Bank Line, Ltd	405.0	52.0	25.0	Philadelphia	Shanghai	General	5,688	6,139	4,698
Saint Andre	4	5.32	5	11.15	5	19.24	5	20.21	French	French Line	397.9	50.3	20.4	Havre	Talcahuano	General	5,764	5,917	4,146
Swiftwind[1]	5	11.10	5	11.30	5	20.14	5	23.39	American	Swiftsure Oil Transportation Co.	464.0	60.0	18.0	Fall River	Los Angeles	Ballast		8,473	5,997
Ballena	5	8.50	5	12.20	5	21.04	5	22.12	British	Pacific Steam Navigation Co	400.0	52.0	22.0	Rotterdam	Corral	General	5,304	5,816	4,113
Agwismith[1]	5	17.06	6	6.25	6	15.21	6	18.54	American	Atlantic Gulf & W. I. S. S. Co	499.9	68.1	19.8	New York	San Pedro	Ballast		10,600	7,447
Dakotan	5	18.17	6	7.25	6	16.00	6	20.46	American	American-Hawaiian Line	407.7	53.7	28.0	New York	Los Angeles	General	5,656	7,156	5,058
Vacoil[1]	5	18.39	6	8.03	6	16.32	6	22.25	American	Vacuum Oil Co	340.1	49.2	16.0	New York	Los Angeles	Ballast		4,566	2,844
Meiyo Maru	5	20.30	6	8.35	6	16.55	6	18.25	Japanese	Toyo Kisen Kaisha	400.0	53.0	25.0	New York	Yokohama	General	3,839	6,163	4,376
Montgomery City	6	7.35	6	9.15	6	17.16	6	18.54	American	U. S. Steel Products Co	424.2	56.2	25.0	Mobile	Yokohama	(13)	7,205	7,611	5,450
Gen. G. W. Goethals	4	20.45	6	10.40	6	18.08	7	4.11	American	Panama Railroad Steamship Line	353.0	48.7	23.8	New York	Guayaquil	Gen., cement	1,065	5,226	3,617
Havana Maru	6	11.10	6	11.20	6	18.48	6	19.56	Japanese	Osaka Shosen Kaisha	407.0	50.0	26.2	New York	Cuba	General	4,894	6,234	4,500
J. A. Bostwick[1]	5	6.20	6	13.25	6	19.41	.....	.....	American	Standard Oil Co	465.2	60.0	20.0	Jacksonville	Los Angeles	Gasoline	830	8,511	5,981
Bernice G.[9]	3	.....	6	.....	6	10.32	.....	.....	American	O. E. McCoin	.....	.....	.....	Cristobal	Gatun Lake	Ballast	.....	2	2
Guardian[10]	6	16.00	7	6.20	7	13.22	.....	.....	American	All America Cables	278.4	36.4	18.5	Cristobal	Balboa	(14)	.....	.....	.....
Elisha Walker[1]	6	21.27	7	7.35	7	14.48	7	16.27	American	Pan-American Petroleum Co	429.3	59.2	22.0	New York	Los Angeles	Ballast	.....	7,978	5,971
Lompoc[1]	7	8.00	7	8.10	7	15.33	8	12.43	British	C. T. Bowring & Co	435.3	55.0	20.0	Tampico	San Pedro	Ballast	.....	7,496	5,311
Suboatco	7	4.55	7	10.45	7	20.06	7	20.18	American	Submarine Boat Corp	324.0	46.2	24.6	Pensacola	San Francisco	General	4,815	3,984	2,612
Salvador	30	16.15	7	11.40	7	20.00	7	21.06	British	Pacific Steam Navigation Co	215.0	35.4	16.0	Cristobal	Champerico	General	966	1,270	735
Gargoyle[1]	7–7	11.55	7	12.15	7	19.01	7	23.30	American	Vacuum Oil Co	425.0	57.2	19.0	Philadelphia	San Francisco	Lubricating oil	1,700	7,510	4,989
Wiegand	7	12.20	7	12.40	7	20.44	7	21.45	German	Roland Line	392.0	54.2	22.0	Hamburg	Corral	General	4,334	6,573	4,629
Quail[11]	7	7.00	7	11.35	7	19.39	.....	.....	American	U. S. Navy	180.0	35.6	....	Cristobal	Balboa	Towing barge	.....	.....	.....

[1] Tanker. [8] Motor ship. [9] Launch. [10] Cable ship. [11] Tug. [12] General, petroleum, and dynamite. [13] Steel rails, sulphate of ammonia, and general. [14] Cable repair parts.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.

Shreveport[1]	25	3.42	7–1	7.24	7–1	16.00	7–1	21.40	American	Walker & Daly, (S.B.)	435.0	56.0	27.6	Los Angeles	New York	Crude oil	9,926	7,411	5,103
Birkenhead[1]	30	15.15	1	7.47	1	16.30	1	16.30	American	Vacuum Oil Co	425.0	57.2	27.6	Los Angeles	Philadelphia	Crude oil	10,800	7,502	4,982
Huasco	30	17.15	1	8.44	1	17.15	5	10.00	Chilean	Chilean Line	380.0	44.0	21.0	Talcahuano	Cristobal	General	47	4,552	3,182
Jacob Luckenbach	7–1	4.47	1	9.55	1	17.32	1	17.32	American	Luckenbach Line	414.5	53.7	22.6	Seattle	New York	Lumber, general	3,920	7,315	5,270
Garfield	1	5.30	1	11.54	1	18.40	2	13.15	American	Grace Line	299.4	45.0	16.0	Cruz Grande	New York	General	1,103	3,256	2,010

[1] Tanker.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Quail	28	0.16	1	8.34	1	15.12	7	11.35	American	U. S. Navy	180.0	35.6	....	Balboa	Cristobal	.....	.....	.....	.....
A. C. Bedford [1]	7-1	7.30	2	7.39	2	15.22	2	15.22	American	Standard Oil Co	500.0	68.0	30.0	Los Angeles	Charleston	Crude oil	15,000	10,896	7,688
Mantaro	2	4.30	2	9.02	2	16.30	8	10.18	Peruvian	Peruvian Line	367.3	46.0	19.6	Callao	Cristobal	General	1,461	4,838	2,959
Benarty	2	13.19	2	14.05	2	21.55	3	6.32	British	Ben Line, Ltd	383.0	46.1	23.1	Portland	Cristobal [17]	Wheat	5,350	4,142	3,007
Florence Luckenbach	2	14.10	2	15.00	2	22.20	2	22.20	American	Luckenbach Line	401.8	52.2	20.6	Tacoma	Pt. Arkansas	Lumber	4,105	6,002	4,621
Dorothy Luckenbach	2	19.00	3	7.06	3	14.05	3	14.05	American	Luckenbach Line	448.9	60.2	29.0	Portland	New York	General, lumber	8,500	9,294	6,861
Steel Age	2	19.30	3	7.42	3	15.22	3	15.22	Norwegian	Latin-American Line	395.5	55.0	27.0	Seattle	Boston	(18)	6,989	7,285	5,256
Alameda [15]	30	7.55	3	7.59	3	15.43	3	17.35	American	Standard Oil Co. of N. J	430.0	58.0	26.6	New York	New York	Crude oil	9,714	7,425	5,356
Lydia	3	12.01	3	8.39	3	16.22	3	19.43	American	Susquehana Line	366.0	48.2	22.0	Aberdeen	New York	Lumber	4,990	4,620	3,343
Dorset	3	4.21	3	10.02	3	17.15	4	6.17	British	Federal Steam Navigation Co	460.0	58.2	19.6	Wellington	Glasgow	General, frozen	2,941	9,188	6,581
Hammac [1]	3	5.06	3	10.09	3	17.45	3	17.45	American	General Petroleum Co	435.0	56.2	27.0	San Francisco	Marcus Hook	Gasoline	8,597	7,433	5,058
Minnesotan	3	1.00	3	11.17	3	18.45	3	18.45	American	American-Hawaiian Line	429.0	53.7	20.8	Tacoma	Boston	General	4,000	7,150	4,913
Francis E. Powell	3	8.20	3	12.16	3	20.45	4	9.30	American	Atlantic Refining Co	430.0	59.2	27.0	Los Angeles	Havre, Rouen	Gasoline	9,280	9,860	5,032
Mystic	3	10.10	3	12.32	3	21.02	3	21.02	American	American-Hawaiian Line	400.7	54.2	15.0	Los Angeles	New Orleans	General	900	6,623	4,625
Foldenfjord [1]	3	6.00	3	13.56	3	22.15	3	22.15	Norwegian	General Petroleum Co	430.4	59.3	24.6	Los Angeles	Southampton	Gasoline	8,656	7,780	5,520
Takaoka Maru	4	7.10	4	8.48	4	15.20	4	15.20	Japanese	Nippon Yusen Kaisha	445.0	58.0	21.2	Yokohama	New York	General	7,119	7,579	5,507
Pennsylvania Sun [1]	4	5.00	4	10.35	4	17.43	4	17.43	American	Sun Oil Co	480.5	66.0	29.0	Los Angeles	Philadelphia	Gasoline	12,750	9,325	6,383
F. Q. Barstow [1]	4	10.45	4	11.30	4	19.20	4	19.20	American	Standard Oil Co	500.0	68.2	29.6	Los Angeles	New York	Crude oil	14,749	10,530	7,604
J. A. Moffett, Jr. [1]	4	17.58	5	7.44	5	15.33	5	15.33	American	Standard Oil Co	499.1	68.0	30.0	Los Angeles	New York	Crude oil	15,000	11,037	7,995
Aladdin [1]	4	23.00	5	8.39	5	16.55	5	16.55	American	Standard Transport Co	435.6	56.2	26.3	Los Angeles	New York	Crude oil (bulk)	9,371	7,408	5,068
Ebro	5	1.30	5	8.46	5	16.15	6	6.15	British	Pacific Steam Navigation Co	450.3	57.8	24.2	Valparaiso	New York	(19)	3,099	9,151	6,227
Breda	5	1.00	5	9.42	5	17.35	6	21.15	Dutch	Royal Netherlands W. I. Mail	402.6	58.3	26.6	Valparaiso	Amsterdam	Nitrates, general	8,300	7,384	5,226
Byron D. Benson [1]	4	23.00	5	9.43	5	18.08	5	18.08	American	Tidewater Oil Co	465.4	60.2	26.6	Los Angeles	New York	Crude oil (bulk)	12,000	8,546	6,095
Toco [1]	5	6.00	5	10.56	5	19.15	5	20.40	British	Chile Steamship Co., Ltd	440.8	56.1	17.3	Antofagasta	Tampico	Ballast	.....	7,693	4,831
Guardian	5	10.30	5	11.54	5	20.40	6	8.10	American	All America Cable Co	278.4	36.0	15.1	Callao	Cristobal	Cable repairs	.....	1,860	950
Red Bird	5	9.00	5	13.42	5	20.47	5	20.47	American	Munson Line	324.0	46.2	21.0	Port Ludlow	Nuevitas	Lumber	3,178	3,965	2,573
Manavi	2	9.20	2	10.52	2	17.35	8	8.00	British	Pacific Steam Navigation Co	216.0	35.1	14.2	Guayaquil	Cristobal	General	706	1,357	884
Patuxent	.....	.....	5	10.09	5	16.49	.....	.....	American	U. S. Navy	.....	.....	.....	Balboa	Cristobal	.....	.....	.....	.....
Bethore	6	3.45	6	6.42	6	17.00	6	17.00	American	Ore Steamship Co	550.3	72.2	33.1	Cruz Grande	New York	Iron ore	20,000	15,476	4,354
Grant [16]	3	14.35	6	8.10	6	15.47	6	15.47	American	U. S. Government	505.0	50.0	25.0	San Francisco	New York	Miscellaneous	597	.....	.....
W. S. Rheem [1]	5	17.20	6	8.27	6	18.12	6	18.12	American	Standard Oil Co. of N. J	500.0	68.2	30.0	Los Angeles	Charleston	Crude oil	14,200	11,224	7,860
Indiana	6	4.00	6	9.39	6	18.20	7	0.30	French	French Line	435.0	56.0	26.0	Vancouver	Bordeaux	General	7,942	7,157	4,936
Anglo-Mexican	6	7.30	6	9.58	6	19.03	6	20.25	British	Nitrate Producers	394.5	52.4	26.0	Iquique	Alexandria	Nitrates	7,500	6,163	4,452

[1] Tanker. [15] Tanker, transferred cargo from steamship *John D. Archbold* at Balboa anchorage. [16] U. S. Army transport. [17] For orders. [18] Lumber, general, copper. [19] Wool, nitrate, metals, cotton.

Samuel Q. Brown[1]	6	6.30	6	11.10	6	21.25	6	21.25	American	Tidewater Oil Co	424.4	58.2	26.0	Los Angeles	New York	Crude oil	10,200	7,333	5,246
No. 2569[20]			6	11.10	6				Panaman	C. A. Preciado				Balboa	Gatun Lake				
Sicania	6	15.40	7	6.53	7	16.12			Italian	Italian Line	338.9	46.2	19.6	Valparaiso	Genoa	(23)	745	4,500	3,523
Cedar Branch	6	22.30	7	7.52	7	15.58	7	16.50	British	F. & W. Ritson	390.5	51.0	20.6	Punta Arenas	Liverpool	Nitrate, general	4,992	4,927	3,597
Nitokris	7	6.00	7	8.48	7	17.05	7	21.50	German	Kosmos Line	429.0	50.6	24.0	Valparaiso	Antwerp	General	5,795	6,652	4,704
S. M. Spalding[1]	7	1.05	7	9.03	7	17.15	7	19.00	American	Huasteca Petroleum Co	435.0	56.0	27.4	Los Angeles	New Olreans	Crude oil	10,817	7,331	5,080
Eastern Planet	7	2.45	7	10.15	7	17.50	7	23.15	American	U. S. & Australia Lines	384.8	51.2	16.6	Adelaide	Boston	(24)	745	6,235	4,480
Eurana[1]	7	4.25	7	10.19	7	19.00	7	19.00	American	Inter. Merchant Marine Co	419.5	56.5	27.0	Los Angeles	New York	Crude oil	9,600	6,989	4,976
James B. Duke	7	7.00	7	10.53	7	20.07	7	20.07	American	Garland Steamship Corp	385.0	51.2	25.1	Grays' H'bor	New York	Lumber, copper	6,605	6,242	4,471
Apple Branch	7	11.35	7	12.27	7	21.45	8	5.45	British	F. & W. Ritson	370.0	51.7	24.0	Tocopilla	Liverpool[22]	(25)	5,840	5,112	3,511
Dean Emery[1]	7	12.25	7	13.13	7	23.32	7	23.32	American	Pan-American Petroleum Co	429.3	59.2	28.0	Los Angeles	New Orleans	Crude oil	11,000	7,709	5,517
J. A. Bostick[21]	6	19.41	7	14.15	7	22.15			American	Standard Oil Co. of N. J	465.2	60.0	20.0	Balboa	Cristobal	Gasoline	900	8,518	6,423

[1] Tanker. [20] Cayuca. [21] Came south on July 6, 1923. [22] For orders. [23] Copper, nitrate soda, ivory nuts. [24] Wool, hides, general. [25] Nitrate, sugar, and cotton.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 1	Atenas	United Fruit Co	New Orleans via Habana.	July 1	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
July 1	Calamares	United Fruit Co	Port Limon.	July 1	Calamares	United Fruit Co	New York via Habana.
July 1	Adalia	Hamburg-American Line	Port Limon.	July 1	Denver	U. S. Navy	Cartagena.
July 1	La Navarre	French Line	St. Nazaire via wayports.	July 3	Adalia	Hamburg-American Line	Cartagena.
July 3	Pastores	United Fruit Co	New York via Habana.	July 4	Pastores	United Fruit Co	Port Limon.
July 3	San Gil	United Fruit Co	Boston via Habana.	July 4	La Navarre	French Line	St. Nazaire via wayports.
July 4	Heredia	United Fruit Co	New Orleans via Habana.	July 4	Atenas	United Fruit Co	New Orleans via wayports.
July 4	Sixaola	United Fruit Co	New York via Kingston.	July 5	Sixaola	United Fruit Co	Colombian ports.
July 4	Panama	Panama Railroad Steamship Line	New York via Haiti.	July 5	Heredia	United Fruit Co	New Orleans via wayports.
July 6	La Belle Sauvage[26]	Lindsay Swan Hunter	Kingston.	July 5	San Gil	United Fruit Co	Boston via Limon.
July 6	Dorelian	Leyland Line	Liverpool via wayports.	July 7	Camito	Elders & Fyffes Line	Bristol via Kingston.
July 7	Camito	Elders & Fyffes Line	Port Limon.				

[26] Tug.

PORT OF BALBOA.

July 2	Sinaloa	Latin-American Line	San Francisco.	July 4	Sinaloa	Latin-American Line	Guayaquil.
July 1	John D. Archbold	Standard Oil Co. of N. J	Los Angeles.	July 5	Anomia	Anglo-Saxon Petroleum Co	Los Angeles.
July 5	Anomia	Anglo-Saxon Petroleum Co	Port Angeles.				

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, July 14, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Susquehanna	7	14.25	8	6.23	8	14.26	8	15.35	American	Swayne & Hoyt (S. B.)	500.8	58.5	26.8	Buenos Aires	Seattle	General	4,712	11,064	7,526
Montana	7	16.42	8	7.00	8	15.33	8	22.00	American	Atlantic Transport Line	431.0	56.3	25.8	Baltimore	Seattle	General	8,000	8,696	6,315
San Juan	6-30	21.45	8	8.00	8	16.16	8	19.25	American	Pacific Mail Steamship Co	283.0	37.0	18.4	Cristobal	San Francisco	General	1,288	2,379	1,593
Manavi	2	17.35	8	8.00	8	17.00	8	20.55	British	Pacific Steam Navigation Co	216.0	35.0	12.1	Cristobal	Guayaquil	General	270	1,357	884
Hilario R. Malpica [2]	2	13.10	8	10.10	8	18.59	8	20.35	Mexican	Mexican Government	114.0	29.0	13.0	Charleston	Guayamas	Ballast		368	192
Tuxpanoil [1]	8	0.30	8	8.55	8	18.04	8	22.22	American	McAllister Bros. (S. B.)	431.0	59.2	16.0	New York	San Pedro	Ballast		7,862	4,979
Richconcal [1]	8	2.10	8	9.14	8	18.49	8	20.07	American	Beacon Oil Co	435.0	56.0	17.5	Boston	San Pedro	Ballast		7,481	5,119
Atlantic Sun [1]	8	2.30	8	10.00	8	19.37	9	2.04	American	Sun Oil Co	429.3	59.2	16.0	Chester	San Pedro	Ballast		7,568	5,350
Mantaro	2	16.30	8	10.18	8	20.32	9	3.25	Peruvian	Peruvian Line	360.3	46.0	17.6	Cristobal	Callao	General	296	4,838	2,959
Clauseus	8	12.35	8	12.50	8	21.22	9	5.17	American	Planet Line	409.8	54.2	24.0	New York	Seattle	General	7,495	6,581	4,741
Denver [3]	8	9.05	8	13.25	8	23.00			American	U. S. Navy	308.9	44.0	17.0	Cartagena	Balboa	Ballast			
Gulfpoint [1]	8	13.22	8	13.35	8	22.01	8	23.13	American	Gulf Refining Co	435.6	56.2	18.0	Port Arthur	Los Angeles	Ballast		7,426	5,094
Gulfstate [1]	8	15.32	9	6.05	9	13.22	9	14.30	American	Gulf Refining Co	435.0	56.0	20.0	Port Arthur	Los Angeles	Ballast		7,643	5,319
Armagh	8	6.40	9	6.45	9	14.59	9	16.09	British	Union S. S. Co. of N. Z	530.5	63.5	31.4	London	Auckland	General	8,334	12,857	8,669
Commercial Traveler	8	17.30	9	7.30	9	16.05	9	17.15	American	Moore & McCormack	380.3	53.1	24.5	New York	Los Angeles	General	6,000	5,657	4,247
E. T. Bedford [1]	8	19.00	9	7.25	9	15.17	9	16.20	American	Standard Oil Co	499.2	68.1	17.6	New York	San Pedro	Ballast		11,009	7,967
Lillian Luckenbach	9	1.25	9	8.55	9	16.37	9	17.32	American	Luckenbach Line	448.9	60.2	30.0	Mobile	Seattle	General	9,300	9,294	6,865
J. C. Donnell [1]	9	6.28	9	9.35	9	17.45	9	18.50	American	Atlantic Refining Co	500.0	68.2	22.0	Philadelphia	San Pedro	Ballast		10,435	7,900
Tiberton	9	6.47	9	9.37	9	18.30	9	20.20	British	R. Chapman & Sons	400.1	52.4	17.0	Baltimore	San Francisco	Ballast		5,699	4,126
W. M. Irish [1]	8	22.04	9	10.00	9	19.11	10	8.12	American	Atlantic Refining Co	435.0	56.0	17.6	Philadelphia	Balboa	Gasoline	598	7,392	5,453
Northwestern Miller	9	9.25	9	10.40	9	20.10	9	23.45	British	Furness, Withy & Co	419.8	53.4	25.0	Swansea	Vancouver	General	7,500	6,978	5,024
Dryden	9	11.15	9	11.25	9	21.10	11	.30	American	Tampa-Inter. S. S. Co. (S.B.)	434.3	57.7	24.0	Galveston	Yokohama	General	7,278	7,983	5,882
Balboa	7	22.55	9	12.30	9	21.59	9	23.16	Colombian	Compania Costanera Colombiana	190.0	29.1	14.8	Santa Marta	Tumaco	General, salt	520	737	335
Doonholm	9	13.34	9	13.40	9	22.21	10	1.30	British	J. Edgar & Co	385.0	49.8	22.6	Montreal	Sydney	General	6,403	4,885	3,479
Mina Brea [1]	9	8.25	10	6.28	10	13.33	12	12.35	British	Imperial Oil Co	360.3	49.2	18.10	Habana	Talara	Ballast		4,437	2,717
Ipswich	9	18.37	10	7.15	10	14.49	10	18.23	American	Shawmut Steamship Co	400.7	54.2	25.0	Charleston	Seattle	General	8,040	6,616	4,614
K. R. Kingsbury [1]	9	20.55	10	7.38	10	15.44	10	16.35	American	Standard Oil Co	440.0	58.2	20.9	New York	Los Angeles	Ballast		9,033	5,938
Poplar Branch	10	2.05	10	9.20	10	16.39	10	17.44	British	F. & W. Ritson	396.0	56.0	16.0	Antwerp	Valparaiso	General	1,612	6,640	5,099
Hallfried [4]	7	12.05	10	10.29	10	17.30	10	23.08	Norwegian	Adolf Andersen	376.3	51.6	25.6	Malmo	Portland	Cement	6,983	5,651	4,114
Ecuador	10	7.25	11	6.20	11	13.00	11	23.37	American	Pacific Mail Steamship Co	380.6	48.7	21.6	New York	San Francisco	General	1,795	5,926	4,178
Clan MacKellar	10	19.25	11	7.10	11	14.28	11	15.30	British	Clan Line, Ltd	410.2	52.0	22.0	New York	Brisbane	General	4,000	6,450	4,698
J. A. Bostwick [1]	7	22.15	11	7.40	11	15.18	12	2.10	American	Standard Oil Co	465.2	60.0	31.0	Cristobal	Balboa	Gasoline	628	8,511	5,981
West Jester	11	4.55	11	8.30	11	15.55	11	21.00	American	Nawsco Line (S. B.)	410.5	54.2	19.0	Philadelphia	Seattle	General	4,500	6,755	4,887

[1] Tanker. [2] Dredge. [3] Cruiser. [4] Motor ship.

Kobenhavn[5]	11	7.45	11	10.20	11	20.55	12	13.40	Danish	East Asiatic Co	384.0	47.8	22.10	Norresund	San Francisco	(9)	4,350	4,028	3,289
Chattanooga City	11	11.00	11	11.15	11	18.43	11	23.04	American	U. S. Steel Products Co	424.2	56.2	26.0	Boston	Honolulu	General	8,472	7,611	5,450
Swiftscout[1]	11	11.40	11	11.45	11	21.15	12	4.00	American	Swiftsure Oil Transport Co	464.0	60.2	19.0	Providence	San Pedro	Ballast	.....	8,473	6,104
Le-ise Maersk[6]	11	18.15	12	6.18	12	13.30	12	18.30	Danish	A. P. Moller	293.5	42.9	19.0	Hamburg	San Pedro	Cement	3,391	3,212	2,166
F. R. Kellogg[1]	11	19.18	12	6.35	12	13.53	12	14.53	American	Pan-American Petroleum Co	425.8	57.0	22.0	New York	Los Angeles	Ballast	.....	7,178	4,963
Luise Nielsen	10	5.12	12	7.28	12	14.22	12	15.20	Norwegian	B. Stolt Nielsen & Co	424.9	54.0	16.0	Dunkirk	San Pedro	Ballast	.....	6,617	4,834
Orita	11	16.55	12	8.05	12	16.41	12	18.05	British	Pacific Steam Navigation Co	485.4	58.2	23.6	Liverpool	Valparaiso	General	3,080	9,936	6,561
Chertsey	11	22.40	12	8.40	12	16.35	12	18.30	British	Watts, Watts & Co	355.1	45.0	24.0	Baltimore	San Antonio	Coal	4,512	4,009	2,948
Surichco	12	7.01	12	9.05	12	16.43	12	18.05	American	Submarine Boat Corp	324.0	46.2	19.5	Newark	Tacoma	General, steel	2,500	3,984	2,612
Santa Barbara	12	2.10	12	9.10	12	17.32	12	23.05	American	Grace Line	404.6	53.0	28.6	Baltimore	Seattle	General	8,395	6,789	4,746
Huguenot[1]	12	5.55	12	10.00	12	18.16	13	7.42	American	McAllister Bros. (S. B.)	434.8	56.2	18.6	New York	San Pedro	Ballast	.....	7,394	5,099
Chickasaw City	12	0.45	12	11.35	12	20.06	12	21.36	American	Isthmian Line	395.5	55.0	26.6	New York	Vancouver	General, steel	7,372	6,841	4,686
Agwimex[1]	12	11.45	12	0.00	12	19.14	13	1.52	American	Atlantic Gulf & W. I. S. S. Co	480.5	66.0	21.0	Boston	San Pedro	Ballast	.....	9,394	6,306
Naringa	11	20.45	12	13.10	12	21.56	12	23.35	British	British India Steam Nav. Co	433.0	57.4	29.0	Liverpool	Auckland	General	10,995	8,893	6,645
Teno	12	3.20	12	13.19	12	20.55	12	22.25	Chilean	Chilean Line	421.8	56.0	24.0	New York	Valparaiso	General	981	7,758	4,672
Bantu	12	16.22	13	6.25	13	15.39	13	17.00	American	U. S. Steel Products Co	360.0	47.0	25.9	Baltimore	San Francisco	(10)	5,077	4,607	3,032
Atlantic Maru	12	16.42	13	7.25	13	16.32	13	22.46	Japanese	Kawasaki Steamship Co	385.0	51.0	13.3	Philadelphia	San Antonio	(11)	1,238	6,251	4,700
Matinicock[1]	12	19.42	13	7.45	13	17.15	13	20.52	American	Standard Oil Co	459.1	60.0	21.6	New York	San Pedro	Ballast	.....	8,171	5,882
J. N. Pew[1]	13	2.35	13	8.43	13	18.07	14	.15	American	Sun Oil Co	480.0	66.0	19.0	Philadelphia	San Pedro	Ballast	.....	9,494	6,612
Thordis	12	16.55	13	11.23	13	20.16	14	3.00	Norwegian	A. S. Thelma	376.2	52.6	12.6	Newport News	San Pedro	Ballast	.....	5,123	3,712
Eurybates	13	12.10	14	6.15	14	13.28	14	14.43	British	Alfred Holt & Co	430.0	50.2	27.0	Boston	Shanghai	General	6,095	6,285	4,492
Talabot	13	16.10	14	7.15	14	14.28	14	20.10	Norwegian	N. S. Bjonness & Sons	410.7	56.2	16.0	Marseillaise	San Francisco	Ballast	.....	8,279	6,328
Canadian Cruiser	14	1.40	14	7.40	14	15.10	15	1.25	British	Canadian Government	445.0	56.0	19.0	Montreal	Auckland	Auto, parts, gen.	3,179	7,680	5,494
Sachsen	14	6.05	14	8.45	14	15.24	14	23.15	German	Hamburg-American Line	464.0	57.7	19.0	Hamburg	Vancouver	General	3,087	.....	.....
Virginian	14	6.30	14	9.30	14	16.19	14	21.48	American	American-Hawaiian Line	491.5	58.2	27.0	New York	Portland	General	7,000	10,491	7,546
Livingstone Roe[1]	14	6.00	14	9.55	14	17.05	14	18.06	American	Standard Oil Co	462.0	60.0	20.0	New York	San Pedro	Ballast	.....	8,491	6,065
Cherry Branch	14	9.10	14	10.35	14	17.21	.....	.....	British	Nautilus Steamship Co	412.6	51.10	18.6	Liverpool	Valparaiso	General	3,146	5,403	3,967
Capella[7]	12	23.35	14	12.45	14	19.33	.....	.....	American	U. S. Navy	390.0	54.0	21.6	Norfolk	Bremerton	Navy supplies	4,000	.....	.....
Ministro J. F. Game[8]	.....	.....	14	19.50	15	9.17	.....	.....	Ecuador	G. L. Chanange	85.0	20.0	.....	Cristobal	Balboa	Ballast	.....	116	36

[1] Tanker. [5] Motor bark. [6] Motor ship. [7] Repair ship. [8] Ex supply No. 1. [9] Fire bricks and cement. [10] Tin plates, and steel pipes. [11] Locomotives and coal.

THROUGH THE CANAL.—PACIFIC TO ATLANTIC.

Colombia	7	5.15	8	6.59	8	14.10	9	12.02	American	Pacific Mail Steamship Co	380.0	48.7	23.4	San Francisco	New York	General	3,250	6,014	4,281
Standard Arrow[1]	7	19.20	8	7.52	8	15.55	8	15.55	American	Standard Transportation Co	467.6	62.7	28.9	Los Angeles	Philadelphia	Gasoline	10,500	9,931	7,019
Mobile City	7	19.45	8	8.36	8	17.30	8	17.30	American	Isthmian Line	395.5	55.0	24.8	Tacoma	Philadelphia	General	8,023	7,330	5,241
Epsom	8	6.50	8	9.10	8	17.45	8	20.00	British	Watts, Watts & Co	370.0	50.6	24.0	Antofagasta	Alexandria	Nitrate	6,500	4,945	3,468
Lewis Luckenbach	8	10.20	8	11.07	8	18.10	8	18.10	American	Luckenbach Line	496.0	68.0	27.0	Portland	Boston	Lumber, general	8,335	11,487	8,762
H. M. Flagler[1]	8	12.00	8	12.56	8	19.50	8	22.05	American	Standard Oil Co. of N. J	461.6	60.0	27.7	San Pedro	New York	Crude oil	11,589	8,450	6,089
Houma[1]	8	7.30	8	13.10	8	21.40	8	21.40	American	McAllister Bros. (S. B.)	434.8	56.2	26.0	San Pedro	New York	Crude oil	10,000	7,425	5,168
Steelore	8	10.50	8	14.50	9	15.45	9	15.45	American	Ore Steamship Corp	550.3	72.2	33.0	Cruz Grande	Baltimore	Iron ore	20,000	15,551	4,297
Santa Elisa	9	6.00	9	8.45	9	16.55	9	20.36	American	Grace Line	360.3	51.7	24.4	Antofagasta	New York	(12)	3,704	5,957	4,325

[1] Tanker. [12] Copper, nitrates, and general.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Acajutla	8	12.40	9	8.46	9	17.00	...	...	British	Pacific Steam Navigation Co.	215.7	33.5	13.8	Champerico	Cristobal	Coffee, hides, etc	69	1,273	706
Standard[1]	9	9.15	9	11.28	9	21.20	9	21.20	American	Standard Oil Co. of N. J.	523.8	68.6	29.1	San Pedro	New York	Crude oil	17,077	12,171	8,673
Santa Paula	9	5.45	9	11.54	9	19.42	9	19.42	American	Pacific Mail Steamship Co.	404.6	53.9	28.4	Los Angeles	New York	General, lumber	7,465	6,756	4,775
Steel Seafarer	9	10.00	9	13.53	9	22.00	9	22.00	American	Isthmian Line	424.2	56.2	19.0	Honolulu	Baltimore	Canned goods	2,280	7,611	5,454
Halo[1]	9	19.00	10	6.57	10	14.46	10	14.46	American	Cities Service Transportation Co	435.0	56.0	27.6	San Pedro	Boston	Crude oil	9,500	7,642	5,274
Cerro Ebano[1]	10	1.45	10	7.55	10	15.10	10	15.10	American	Huasteca Petroleum Co.	480.5	66.0	29.2	San Pedro	New Orleans	Crude oil	13,500	9,389	6,453
Sabine Sun[1]	9	24.00	10	8.37	10	16.45	10	16.45	American	Sun Oil Co.	429.3	59.2	27.1	Los Angeles	New York	Light crude oil	10,600	7,621	5,277
Corvis	10	8.45	10	10.05	10	17.30	10	17.30	American	Argonaut Steamship Corp.	410.0	54.2	19.9	Seattle	Baltimore	General, lumber	4,599	6,604	4,655
Montreal Maru	9	22.00	10	12.23	10	20.10	10	20.10	Japanese	K. K. K. Bosinjo	405.0	53.0	28.6	Iquique	Boston	Nitrate of soda	9,250	7,034	5,081
Pennsylvanian	9	22.15	10	12.15	10	18.30	10	18.30	American	American-Hawaiian Line	407.7	53.7	20.0	Los Angeles	Boston	General	3,465	7,107	4,916
Radnor	9	8.15	10	13.25	10	21.25	11	7.14	American	Tampa-Inter. S. S. Co. (S.B.)	434.3	57.7	28.4	Far East	New York	Rice, sugar	9,499	7,993	5,871
Ethan Allen	9	18.05	10	14.40	10	22.23	10	22.23	American	Tampa-Inter. S. S. Co. (S.B.)	439.6	60.0	22.6	Davao, P. I.	New York	General	6,440	8,987	6,534
Quail	...	...	11	6.51	11	15.00	16	7.30	American	U. S. Navy	...	...	...	Balboa	Cristobal	...	...	...	...
Clement Smith[1]	11	9.15	11	10.06	11	18.00	12	1.50	American	Oil Transport Co.	431.0	59.2	27.0	San Pedro	Fall River	Crude oil	10,770	8,097	5,349
Durango[1]	11	6.00	11	10.47	11	19.05	11	19.05	American	C. D. Mallory & Co.	435.0	56.0	28.8	San Pedro	New York	Crude oil	10,700	7,642	3,468
Nordlys	11	9.45	11	11.13	11	20.10	11	20.10	Danish	Norden Steamship Co.	362.0	51.3	24.10	Tocopilla	New Orleans	Nitrate	6,310	4,932	3,468
D. G. Scofield[1]	11	11.15	11	12.05	11	21.27	11	21.27	American	Standard Oil Co. of N. J.	439.5	58.0	30.8	San Francisco	New York	Crude oil	11,000	8,698	6,040
Lena Luckenbach	11	12.00	11	13.19	11	22.30	11	22.30	American	Luckenbach Line	425.0	53.8	20.6	Seattle	Mobile	General	2,900	7,217	5,295
Cape Town Maru	11	13.10	12	7.06	12	15.15	12	15.15	Japanese	Hokusai Kisen Kabushiki Kaisha	385.0	51.0	27.4	Saigon	Cienfuegos	Rice	7,800	6,209	4,658
Drechtdijk	11	18.20	12	7.54	12	16.25	12	17.20	Dutch	Holland-American Line	501.0	62.0	29.5	Vancouver	London	Wheat, general	9,887	10,793	7,619
Defender	12	3.20	12	8.58	12	17.35	12	17.35	British	T. & J. Harrison	482.0	58.3	27.6	Vancouver	London	General	10,407	8,844	6,144
Greenwich	11	12.30	12	13.05	12	20.35	12	20.35	British	Watts, Watts & Co.	341.1	46.6	23.0	Antofagasta	Gibraltar[13]	Nitrate of soda	5,500	3,974	2,929
F. H. Hillman[1]	12	9.15	12	13.41	12	21.42	12	21.42	American	Standard Oil Co. of N. J.	449.5	59.6	27.0	San Francisco	London	Gasoline	1,400	11,225	7,913
Tulsagas[1]	9	17.25	12	14.43	12	23.35	13	2.35	American	McAllister Bros. (S. B.)	431.0	59.2	26.0	San Pedro	Fall River	Crude oil	10,600	7,817	4,961
Ardmore[1]	12	15.15	13	6.58	13	15.10	13	15.10	American	Standard Oil Co. of N. J.	449.5	59.6	27.0	San Pedro	New York	Crude petroleum	10,500	8,612	6,457
Blue Triangle	12	20.30	13	7.52	13	15.35	13	15.35	American	N. Atlantic & Western S.S.Co.	390.0	54.2	23.0	Los Angeles	New York	General, lumber	5,558	6,209	4,317
Olaf L. Kongstad	12	22.00	13	8.42	13	17.07	13	20.50	Danish	Triton Steamship Co.	325.0	47.0	21.3	Pisagua	New Orleans	Nitrate of soda	4,691	3,304	2,339
Saint Joseph	12	23.30	13	8.49	13	17.25	14	13.30	French	French Line	397.9	51.0	23.0	Valparaiso	Liverpool	Nitrate, cotton	6,250	5,979	4,170
Wm. G. Warden[1]	12	24.00	13	9.59	13	18.45	13	18.45	American	Standard Oil Co. of N. J.	500.0	68.2	30.2	Los Angeles	New York	Crude oil	15,000	10,524	7,600
Japan Arrow[1]	12	23.50	13	10.13	13	20.06	13	20.06	American	Standard Transportation Co.	468.3	62.7	28.0	San Pedro	New York	Crude oil	12,266	10,084	7,426
Rapot	13	3.00	13	10.37	13	21.00	13	21.00	German	Roland Line	408.1	54.1	26.2	Corral	Antwerp	(14)	7,600	6,583	4,660
Julia Luckenbach	13	3.35	13	10.58	13	19.42	13	19.42	American	Luckenbach Line	436.6	57.2	27.0	Portland	New York	General, lumber	6,146	8,543	6,402
William Rockefeller[1]	13	6.00	13	12.07	13	21.22	13	21.22	American	Standard Oil Co. of N. J.	554.2	75.3	31.0	San Pedro	New York	Crude oil	19,725	14,785	10,313

[1] Tanker.

[13] For orders.

[14] Nitrates, cocoa and beans

Vixen[15]			13	14.22					American	Capt. Chas. W. Seifort	18.0	5.0		Balboa	Miraflores Lake					
Willsolo	13	4.00	13	12.23	13	22.20	13	22.20	American	Williams Steamship Co	434.3	57.0	23.0	Seattle	New York	General	6,000	7,983	5,882
Swiftstar	13	9.00	13	13.46	13	23.35	13	23.55	American	C. D. Mallory & Co	464.6	60.2	28.0	San Pedro	Fall River	Crude oil	11,400	8,473	6,050
Clan MacNair	13	23.00	13	15.00	14	.45	14	0.45	British	Clan Line Steamers	410.7	53.3	26.8	Papeete	Eng. Chan.[16]	([17])	6,700	6,663	4,433
W. E. Hutton[1]	13	15.00	14	7.09	14	14.40	14	14.40	American	Pure Oil Steamship Co	485.0	56.0	28.5	Los Angeles	Philadelphia	Crude petroleum	10,435	7,481	5,120
Bengkalis	13	17.15	14	8.02	14	15.52	14	20.45	Dutch	Nederland Steamship Co	419.8	54.6	25.0	Caleta Colosa	Alexandria	Nitrate	7,404	6,964	5,019
Potosi	14	1.00	14	8.39	14	17.03	14	18.03	British	Pacific Steam Navigation Co	380.8	49.0	20.1	Callao	Liverpool	General	4,326	5,559	4,201
T. J. Williams[1]	14	9.00	14	9.57	14	18.05	14	18.05	American	Standard Oil Co. of N. J	465.0	60.2	27.6	San Pedro	New York	Crude oil	12,191	8,585	6,087
Chester Sun[1]	14	2.00	14	12.05	14	19.45	14	19.45	American	Sun Oil Co	429.3	59.2	26.3	San Pedro	New York	Crude oil	11,200	7,684	5,299

[1] Tanker. [15] Launch. [16] For orders. [17] Copra, chrome, and general.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 8	Zacapa	United Fruit Co	New Orleans via Habana.	July 8	Pastores	United Fruit Co	New York via Habana.
July 8	Pastores	United Fruit Co	Port Limon.	July 8	Dorelian	Leyland Line	New Orleans.
July 8	Crynssen	Royal Netherlands W. I. Mail	Amsterdam via wayports.	July 9	La Belle Sauvage	Lindsay, Swan & Hunter	Kingston.
July 10	Ulysses	Panama Railroad Steamship Line	Norfolk.	July 9	Panama	Panama Railroad Steamship Line	New York via Haiti.
July 10	Ulua	United Fruit Co	New York via Habana.	July 9	Zacapa	United Fruit Co	Bocas.
July 10	Contocook[2]	U. S. Navy	Norfolk.	July 10	Crynssen	Royal Netherlands W. I. Mail	Port Limon.
July 10	Rail[3]	U. S. Navy	Norfolk.	July 11	Casiana[6]	E. L. Doheny	Cartagena.
July 11	Parismina	United Fruit Co	New Orleans via Habana.	July 11	San Benito	United Fruit Co	Boston via Habana.
July 11	San Benito	United Fruit Co	Boston via Habana.	July 11	Ulua	United Fruit Co	Port Limon.
July 11	Carrillo	United Fruit Co	New York via Kingston.	July 12	Carrillo	United Fruit Co	Colombian ports.
July 11	Sixoala	United Fruit Co	Colombian ports.	July 12	Sixaola	United Fruit Co	New York via Kingston.
July 12	Zacapa	United Fruit Co	Bocas.	July 12	Parismina	United Fruit Co	New Orleans via wayports.
July 12	Crynssen	Royal Netherlands W. I. Mail	Port Limon.	July 12	Zacapa	United Fruit Co	New Orleans.
July 13	Cristobal	Panama Railroad Steamship Line	New York via Haiti.	July 14	Crynssen	Royal Netherlands W. I. Mail	Amsterdam via wayports.

[2] Tug towing barge. [3] Tug. [6] Yacht.

PORT OF BALBOA.

July 8	Lirio de Agua	Norther Freighter of Vancouver	Corinto.	July 9	Santa Marta	Union Oil Co	Los Angeles.
				July 9	John D. Archbold	Standard Oil Co	Los Angeles.
				July 10	Lirio de Agua	Norther Freighter of Vancouver	Corinto.
				July 11	Betterton	Struthers & Barry	San Luis Obispo.

* Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, July 21, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Camden [1]	12	10.10	15	6.20	15	13.56	15	15.15	American	United Fruit Co	419.5	56.5	22.0	Tampico	San Pedro	Ballast		6,977	4,959
Santa Tecla	14	18.41	15	6.20	15	14.40	15	20.14	American	Grace Line	298.6	40.0	20.2	New York	Pto. Chicama	General	1,901	2,832	1,803
J. M. Danziger [1]	15	2.00	15	7.14	15	15.24	15	16.28	American	Pan-American Pet. & Trans. Co.	430.0	58.0	20.0	New York	Los Angeles	Ballast		6,963	4,886
Edward L. Doheny, Jr. [1]	15	2.17	15	7.40	15	15.40	15	16.55	American	Pan-American Pet. & Trans. Co.	467.6	62.7	22.0	New York	San Pedro	Ballast		9,655	7,166
Malacca Maru	15	6.00	15	8.35	15	16.24	15	17.32	Japanese	Nippon Yusen Kaisha	400.0	54.0	21.0	Norfolk	Yokohama	General	3,400	5,819	4,110
Dillwyn [1]	15	8.05	15	9.15	15	17.11	15	21.52	American	Malston & Co	435.0	56.0	18.0	New York	San Pedro	Ballast		7,441	5,180
Hampton Roads [1]	15	8.52	15	9.55	15	17.14	17	1.05	American	McAllister Bros. (S. B.)	431.0	59.2	22.0	Fall River	San Pedro	Ballast		8,093	5,440
Robert Luckenbach	15	9.12	15	11.00	15	18.38	15	19.31	American	Luckenbach Line	445.0	58.0	24.10	New York	Seattle	General	8,000	8,695	6,375
Calgarolite [1]	15	11.38	15	11.53	15	19.37	15	20.50	British	Imperial Oil Co	463.3	60.2		New York	Talara	Ballast		8,491	6,096
Fred. W. Weller [1]	15	12.12	15	13.10	15	20.27	15	21.36	American	Standard Oil Co	500.0	68.0	18.6	Baltimore	San Pedro	Ballast		10,921	7,710
Rhodophis	15	3.20	15	13.25	15	21.25	15	22.22	German	Kosmos Line	435.7	53.0	23.9	Hamburg	Guayaquil	General	4,694	7,525	5,154
W. F. Burdell [1]	15	13.10	15	13.50	15	22.11	16	15.10	American	Pure Oil Steamship Co	435.0	56.0	21.6	Philadelphia	San Pedro	Ballast		7,434	5,093
Romagne	15	14.41	16	6.25	16	14.09	16	18.25	American	Independent Steamship Co.	251.0	43.7	21.4	Galveston	Oakland	Sulphur	3,401	2,651	1,619
Sciota [2]			16	6.35	16	14.03	19	22.51	American	U. S. Navy	155.0	30.0		Cristobal	Balboa	(4)			
Valdura	15	18.52	16	7.20	16	14.52	16	16.00	British	Valdura Steamship Co	414.3	56.0	14.6	New York	Iquique	Ballast		6,101	4,358
Quail [2]			16	7.30	16	15.45			American	U. S. Navy	180.0	35.6		Cristobal	Balboa	(5)			
Mundelta	15	20.37	16	7.55	16	15.48	16	22.25	American	Munson Line	370.0	53.2	22.6	New York	San Pedro	General	5,600	5,668	4,297
Solana [1]	16	0.30	16	8.45	16	16.10	16	22.51	American	Pacific Mail Steamship Co	419.5	56.5	20.0	Fall River	San Pedro	Ballast		7,060	5,025
Key West	15	3.40	16	11.00	16	18.00	16	19.10	Norwegian	K. Knutsen O. A. S	380.0	53.0	18.0	Cardiff	Los Angeles	Ballast		5,585	4,157
Wordsworth	16	11.30	16	13.15	16	19.35	16	20.30	British	Shakespear Steamship Co	354.8	48.0	13.0	Gibraltar	Pisagua	Ballast		4,188	3,012
Swazi	16	18.09	17	6.10	17	13.54	17	15.05	British	Ellerman & Bucknell	380.0	50.0	21.9	New York	Auckland	General	2,759	5,227	3,736
Alameda [1]	17	5.15	17	7.20	17	14.23	17	15.30	American	H. L. Arnold & G. L. Craig	430.0	58.2	21.0	Baton Rouge	Los Angeles	Ballast		7,425	5,356
John D. Rockefeller [1]	17	6.10	17	7.55	17	17.21	17	18.20	American	Standard Oil Co	458.3	60.0	19.6	New York	San Pedro	Ballast		8,633	6,314
Koranna	17	6.45	17	8.35	17	15.56	17	21.23	British	Bucknell Steamship Line	350.0	52.0	23.9	New York	Suva	General	5,029	4,838	3,397
J. W. Van Dyke [1]	17	12.30	17	12.45	17	19.25	17	20.08	American	Atlantic Refining Co	435.0	56.0	22.6	Newport News	Los Angeles	Ballast		7,460	5,215
Ruby [3]	14		17		17	14.32			American	E. J. Hooper				Cristobal	Gatun Lake	Ballast		1	1
Tiger	17	19.29	18	6.20	18	13.20	18	16.50	American	Standard Transportation Co	410.0	56.0	27.6	New York	Seattle	General	9,400	8,243	6,312
Albert Jeffress	17	16.14	18	6.55	18	14.52	18	15.53	American	Garland Steamship Corp	384.0	51.0	22.0	New York	Seattle	General	5,500	6,347	4,453
Walter Jennings [1]	17	0.50	18	7.30	18	15.56	18	17.00	American	Standard Oil Co	499.2	68.0	18.4	New York	San Pedro	Ballast		11,037	7,995
Cardiganshire	17	11.55	18	8.32	18	16.33	18	21.40	British	Royal Mail Steam Packet Co	500.0	62.4	26.7	Rotterdam	Vancouver	(6)	8,892	11,420	8,385
Cerro Azul [1]	18	7.55	18	9.07	18	16.35	18	17.25	American	Pan-American Pet. & Trans. Co.	480.5	66.0	24.0	New York	San Pedro	Ballast		9,398	6,453

[1] Tanker. [2] Tug. [3] Launch. [4] Towing barges Nos. 263 and 476. [5] Towing submarine O-9. [6] General, sand, and cement.

Dixie Arrow[1]	18	8.10	18	10.00	18	17.21	18	18.25	American	Standard Oil Co	468.3	62.7	23.0	Providence	San Pedro	Ballast		9,744	7,140
Alaska	17	17.07	18	10.27	18	18.03	18	19.10	French	French Line	425.0	54.8	19.7	Fort de France	Los Angeles	General	2,000	6,990	4,854
Georgian	18	12.40	18	12.50	18	19.00	18	23.36	American	American-Hawaiian Line	386.8	52.2	21.6	Savannah	San Pedro	General	5,579	5,719	4,023
James McGee[1]	18	5.40	18	13.25	18	19.54	20	1.20	American	Standard Oil Co	499.1	68.2	18.6	New York	San Pedro	Ballast		10,964	7,909
Elveric	18	16.04	19	6.25	18	13.52	19	15.00	British	Andrew Weir & Co	399.0	53.0	22.0	New York	Manila	General, case oil	5,000	6,277	4,497
Laura C. Hall[7]	18	16.27	19	6.19	18	15.00	20	10.07	British	Pacific Metals Corp	81.0	25.6	9.0	Cristobal	Buenaventura	General	48	132	72
Agwisun[1]	18	17.03	19	7.43	19	15.05	19	22.00	American	Atlantic Gulf & W. I. S. S. Co	429.0	59.2	16.0	New York	San Pedro	Ballast		7,612	5,402
Santa Ana	18	16.36	19	8.09	19	15.40	19	17.30	American	Grace Line	360.2	51.6	23.5	New York	Talcahuano	General	2,346	5,776	4,081
Davanger[1]	18	16.42	19	8.40	19	16.10	19	17.30	Norwegian	Westfal Larsen & Co	425.0	56.8	16.0	Rotterdam	Los Angeles	Ballast		7,125	4,916
Toco[1]	19	1.40	19	9.10	19	17.13	19	18.50	British	Sheridan Steamship Co	440.8	56.0	26.6	Tampico	Tocopilla	Crude oil	9,607	7,693	4,831
Koyo Maru	19	2.00	19	9.50	19	17.28	20	1.04	Japanese	Toyo Kisen Kaisha	400.0	53.0	17.0	Philadelphia	Yokohama	General	1,713	6,233	4,398
Allaguash	19	7.10	19	10.30	19	19.11	19	23.35	American	Allaguash Steamship Corp	364.5	50.5	21.0	New York	Tacoma	General	4,582	4,727	3,643
Aysen	15	19.12	19	10.40	19	18.13	19	19.23	Chilean	Chilean Line	379.6	44.3	21.9	Cristobal	Valparaiso	General	783	4,535	3,068
El Montecillo	18	12.22	19	11.18	19	19.26	19	20.45	Spanish	General Navigation Co	330.0	48.0	12.0	Gijon	Tocopilla	Ballast		3,464	2,310
A. C. Bedford[1]	18	7.00	19	11.45	19	20.00	19	21.00	American	Standard Oil Co	500.0	68.0	18.8	Charleston	San Pedro	Ballast		10,896	7,688
Capto	18	21.07	19	12.30	19	20.40	19	22.00	Norwegian	B. Stolt Nielsen & Co	376.1	52.3	16.5	Norfolk	Los Angeles	Ballast		5,076	3,647
Sutermco	19	15.05	20	6.15	20	15.05	20	16.30	American	Submarine Boat Corp	324.0	46.0	20.0	New York	Los Angeles	General	2,000	3,984	2,612
Alvarado	18	18.55	20	6.15	20	15.13	20	16.35	British	Pacific Steam Navigation Co	303.0	43.0	17.0	New York	Guayaquil	General	737	2,844	1,748
Frederic Ewing[1]	19	17.45	20	7.15	20	15.55	20	17.05	American	Pan-American Pet. & Trans. Co	435.0	56.0	23.0	Providence	Los Angeles	Ballast		7,465	5,176
Buenos Aires	18	18.08	20	7.41	20	16.01	20	17.05	Spanish	Spanish Line	410.6	48.2	21.6	Barcelona	Valparaiso	General	144	5,624	3,844
Bogstad	20	6.35	20	8.55	20	16.45	20	18.55	Norwegian	Fearnley & Eger	385.1	52.0	13.6	Greenock	San Francisco	Ballast		5,843	4,288
City of Evansville	19	12.15	20	9.05	20	17.12	20	18.17	British	Ellerman, Hall Line	433.2	57.3	25.5	New York	Brisbane	(10)	6,759	8,627	6,644
Acajutla	9	17.00	20	10.35	20	17.36	20	20.55	British	Pacific Steam Navigation Co	215.0	33.6	16.6	Cristobal	Champerico	General	948	1,273	706
Vacuum[1]	20	9.15	20	12.50	20	19.19	20	20.40	American	Vacuum Oil Co	425.8	57.0	17.7	Philadelphia	San Pedro	Ballast		7,473	5,034
Great City	20	14.35	21	6.15	21	14.13	21	15.35	British	W. R. Smith & Sons	420.0	56.9	27.0	New York	Newcastle	General	8,960	7,029	5,478
Herakles	20	19.00	21	6.15	21	13.20	21	14.30	Norwegian	Bruusgaard & Co	389.0	54.0	16.6	Philadelphia	Callao	Explosives	75	5,680	4,220
Victolite[1]	20	15.47	21	7.25	21	16.03	21	17.15	British	Imperial Oil Co	500.4	70.0	22.2	Montreal	Talara	Ballast		11,049	7,732
W. S. Rheem[1]	21	0.01	21	7.35	21	15.10	21	16.20	American	Standard Oil Co	500.0	68.2	23.6	Charleston	San Pedro	Ballast		11,224	7,860
Sultana[8]	20	10.20	21	7.40	21	17.24			American	Paul E. De & Vere	161.1	28.0	15.0	New York	San Diego	Ballast		411	214
Pennsylvania Sun[1]	21	0.55	21	8.40	21	16.35	21	21.14	American	Sun Oil Co	480.5	66.0	21.4	Philadelphia	Los Angeles	Ballast		9,325	6,383
David McKelvy[1]	21	1.05	21	8.20	21	18.13	21	19.40	American	Tidewater Oil Co	430.0	59.2	18.0	New York	San Pedro	Ballast		7,629	5,393
Nora[1]	20	11.00	21	9.35	21	19.00	21	20.10	American	Pan-American Pet. & Trans. Co	467.6	62.7	18.7	New Orleans	San Pedro	Ballast		9,918	7,468
Esther Dollar	21	6.20	21	9.50	21	20.05	22	2.10	British	Canadian Robert Dollar Co	483.6	56.0	29.6	Genoa	Singapore	General	5,012	9,872	7,140
Hammac[1]	21	6.40	21	11.15	21	20.40	21	21.50	American	General Petroleum Co	435.0	56.2	22.0	Chester	San Pedro	Ballast		7,433	5,058
Kaprino	21	12.45	21	11.20	21	21.31	21	22.44	Norwegian	Carl Wilthagen	306.6	47.0	17.9	Philadelphia	Valparaiso	(11)	1,080	3,277	2,177
Missourian[9]	21	12.35	21	12.50	21	22.13	21	23.16	American	American-Hawaiian Line	445.0	59.8	23.0	Boston	Puget Sound	General	6,043	8,567	6,020

[1] Tanker. [7] Motor schooner. [8] Yacht. [9] Motor ship. [10] Gasoline, petroleum, and general. [11] Locomotives and tender.

THROUGH THE CANAL.—PACIFIC TO ATLANTIC.

Wm. A. McKenney	14	15.25	15	7.02	15	17.40	15	19.30	American	Crowell & Thurlow	357.0	55.1	27.0	Everrett	Baltimore	Lumber	6,900	6,532	4,528
Lima[12]	14	12.45	15	8.00	15	17.40	15	17.40	Sweden	Johnson Line	364.1	55.1	26.0	Vancouver	Stockholm	General	5,617	5,304	3,900
Hadnot[1]	14	21.30	15	8.26	15	18.21	15	18.21	American	Tankers Corp	416.9	56.2	26.6	San Pedro	New York	Oil in bulk	(13)	6,705	4,680

[1] Tanker. [12] Motor ship. [13] 61,579 barrels.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Aysen	14	24.00	15	9.11	15	19.12	19	10.40	Chilean	Chilean Line	373.6	44.3	19.3	Talcahuano	Cristobal	General	110	4,535	3,068
Magellan	15	3.30	15	9.39	15	19.50	16	16.27	British	Pacific Steam Navigation Co	461.6	59.3	26.10	Punta Arenas	London	(14)	9,059	8,817	6,063
Huallaga	15	6.00	15	11.00	15	19.25	22	10.50	Peruvian	Peruvian Line	360.0	44.7	20.10	Ilo	Cristobal	General	1,845	4,514	2,386
Belfast Maru	15	9.36	15	11.48	15	21.00	15	23.12	Japanese	Kokusai Kisen Kaisha	405.0	53.0	28.0	Mejillones	Philadelphia	Nitrates	9,300	7,043	5,077
Astyanax	15	5.00	15	12.21	15	21.10	15	22.30	British	Alfred Holt & Co., Ltd	390.0	49.1	25.1	Victoria	Glasgow	(15)	6,121	5,165	3,211
Almagro	15	13.00	15	14.23	15	22.00	16	17.15	British	Pacific Steam Navigation Co	303.4	43.0	17.0	Guayaquil	New York	Coffee, general	1,092	2,877	1,714
Saint Louis	15	17.30	16	7.05	16	15.05	17	12.10	French	French Line	397.9	50.3	26.3	Valparaiso	Havre	General	6,489	5,857	4,166
Robin Hood	15	22.00	16	8.05	16	15.35	16	15.35	American	Seas Shipping Co	424.8	55.6	22.0	Vancouver	Boston	General	5,900	7,473	5,533
Odenwald	15	22.50	16	8.55	16	17.10	16	20.40	German	Hamburg-American Line	399.6	54.3	26.0	Valparaiso	Hamburg	Saltpeter	8,193	6,808	4,979
Agwibay[1]	15	22.00	16	11.20	16	18.59	16	18.55	American	New York & Cuban Mail S.S.Co.	468.3	62.7	27.3	San Pedro	Baltimore	Crude oil	12,605	9,776	6,903
Ansaldo San Giorgio II	16	4.00	16	13.36	16	21.10	17	15.36	Italian	Societe Naz. de Navigacion	391.7	51.7	24.0	Valparaiso	Scatl, Med	General	6,850	5,591	3,975
Mineola	16	4.30	16	15.25	16	21.58	17	11.35	American	Grace Line	298.6	40.0	16.5	Salaverry	New York	General	718	2,835	1,805
Saint Jerome[1]	16	14.30	17	7.09	17	15.10	17	15.10	French	Association Petroliere	351.4	49.1	24.0	San Pedro	Rouen	Gasoline	5,317	4,390	2,949
Talamanca			17	7.10	17	14.45			Panaman	United Fruit Co	67.0	18.0	7.6	Puerto Neutis.	Cristobal			40	27
Quail			17	7.30	17	16.20			American	U. S. Navy	155.0	30.0		Balboa	Cristobal				
Corinto	16	18.45	17	8.16	17	15.20			American	Pacific Mail Steamship Co	261.1	40.0	14.8	San Francisco.	Cristobal	(16)	606	2,403	1,560
Chuky[1]	16	21.00	17	8.59	17	16.22	17	18.05	British	Chile Steamship Co	440.0	56.0	14.0	Tocopilla	Tampico	Ballast		7,691	4,723
Amsterdam	17	.30	17	9.39	17	17.45	17	23.37	British	Royal Netherlands S. S. Co	494.0	65.6	31.0	Caleta Bueno.	Rotterdam	Nitrate	14,000	11,647	8,217
Charles Pratt[1]	17	2.20	17	10.37	17	20.00	17	20.00	American	Standard Oil Co. of N. J	500.0	68.0	29.5	San Pedro	New York	Crude oil	15,398	10,313	7,492
Plum Branch	17	4.00	17	10.47	17	18.55	17	21.10	British	Nautilus Steamship Co	398.6	58.8	22.0	Valparaiso	Liverpool	Nitrate, general.	5,943	5,761	3,881
Margaret Dollar	17	6.35	17	11.15	17	20.57	17	21.35	American	Robert Dollar Co	429.0	55.2	26.6	San Pedro	New York	(17)	2,087	7,579	5,527
Hoven[1]	17	7.00	17	14.18	17	12.18	17	22.18	American	Walker & Daly	434.8	56.2	25.3	San Pedro	New York	Crude oil	9,828	7,426	5,144
Oregon Maru	17	14.00	17	14.50	18	.05	18	9.00	Japanese	Yenekichi Maru	385.0	51.0	28.0	Tocopilla	New York	Copper ore	8,392	6,251	4,700
Laura C. Hall	6	13.50	18	7.02	18	16.27	19	6.19	British	Pacific Metals Corp	81.0	25.6	9.0	Buenaventura.	Cristobal	(18)	35	132	72
Geisha	18	2.00	18	8.11	18	17.26	19	16.40	Norwegian	Winge & Co	375.0	51.4	21.3	Apia	New Orleans	Copra	5,300	5,681	3,925
Californian	18	4.19	18	8.44	18	16.07	18	16.07	American	A. H. Steamship Co	461.8	59.8	19.0	San Pedro	New York	General	4,000	8,567	6,020
Maricopa[1]	18	10.00	18	13.17	18	20.25	18	22.55	Norwegian	General Petroleum Co	425.5	57.0	26.6	San Pedro	Southampton	Crude oil	8,714	7,000	5,105
Hy. D. Whiton	18	16.30	19	7.08	19	14.50	19	14.50	American	Union Sulphur Co	356.0	51.6	14.6	San Francisco.	Sabine	Ballast		5,367	2,925
Howick Hall	18	21.45	19	7.50	19	16.30	19	18.25	American	Isthmian Line	400.8	51.5	24.8	Vancouver	Glasgow	(19)	6,462	6,095	4,381
Paul Shoup[1]	18	22.40	19	9.08	19	17.00	19	17.00	American	Associated Oil Co	424.4	58.2	28.0	San Pedro	Fall River	Crude oil	10,252	7,333	5,119
Agwihavre[1]	18	23.46	19	9.50	19	17.38	19	17.38	American	Ward Line	480.5	66.0	29.0	San Pedro	New York	Crude oil	13,300	9,393	6,305
Henry Luckenbach	19	6.00	19	10.28	19	18.40	19	18.40	American	Luckenbach Line	448.9	60.2	27.6	San Pedro	New York	General, lumber.	6,442	9,262	6,853
Aconcagua	19	7.00	19	11.22	19	20.06	20	2.15	Chilean	Chilean Line	422.8	56.2	24.0	Valparaiso	New York	General	3,995	7,758	4,705
Antietam[1]	19	6.30	19	12.37	19	21.10	19	21.10	American	Chas. Kurig & Co	435.6	56.2	26.9	San Pedro	Baton Rouge	Crude oil	9,852	7,426	5,094
G. Harrison Smith	19	14.30	20	6.42	20	16.35	21	6.22	British	International Petroleum Co	550.2	72.3	33.6	Cruz Grande	New York	Iron ore	20,000	15,476	11,102

[1] Tanker. [14] Nitrate, wool, oats, etc. [15] Wheat, barley, flour, and general. [16] Merchandise, coffee, and hides. [17] Wood products and copper. [18] Coffee, platinum, and gold. [19] Wheat, lumber, and general.

Agwistone[1]	19	17.05	20	8.06	20	16.35	20	16.35	American	New York & Cuban Mail S. S. Co.	499.9	68.1	27.6	San Pedro	New York	Crude oil	15,748	10,600	7,527
Edgar F. Luckenbach	19	23.56	20	8.20	20	16.50	20	17.50	American	Luckenbach Line	425.0	57.2	18.3	San Pedro	New Orleans	(20)	1,622	8,568	6,565
Ionic	19	23.00	20	9.17	20	18.00	21	6.02	British	Shaw, Saville & Albion	500.3	63.3	23.0	Wellington	Southampton	General	2,137	12,872	9,577
Argon	20	4.00	20	10.58	20	18.50	20	18.50	American	Standard Transportation Co.	435.6	56.6	27.0	San Pedro	New York	Crude oil	9,656	7,386	5,137
Cape Cod	20	5.00	20	13.21	20	21.08	21	10.30	American	Cape Oil Co.	455.8	57.0	25.0	San Pedro	Bayonne	Crude oil	9,775	7,218	4,955
Mina Brea[1]	20	17.45	21	6.49	21	15.30	21	18.45	British	Imperial Oil Co.	360.3	49.2	25.0	Talara	Habana	Crude oil	6,000	4,437	2,717
Eagle	21	3.15	21	8.05	21	16.00	21	16.00	American	Standard Transportation Co.	410.0	56.0	24.0	Portland	Baltimore	General	5,872	8,243	6,266
Yankee Arrow[1]	21	3.26	21	8.57	21	16.30	21	16.30	American	Standard Transportation Co.	468.3	62.7	17.6	Hankow	Beaumont	Ballast	.....	9,841	6,946
H. M. Storey[1]	21	10.15	21	11.26	21	19.12	21	19.12	American	Standard Oil Co.	500.0	68.2	29.6	Los Angeles	Baltimore	Crude oil	15,220	11,224	7,849
Robert E. Hopkins[1]	21	.08	21	12.17	21	20.40	21	20.40	American	Tidewater Oil Co.	424.4	58.2	24.6	Los Angeles	New York	Crude oil	10,354	7,335	5,244
District of Columbia[1]	21	12.30	21	13.30	21	22.25	22	1.15	American	Walker & Daly (S. B.)	431.0	59.2	26.6	Los Angeles	Fall River	Crude oil	9,390	8,097	5,362
Balboa	21	14.10	21	15.29	21	22.50	.....	.....	Colombian	Compania Costanera Colombiana	190.0	29.1	15.0	Tumaco	Cristobal	General	607	737	335

[1] Tanker. Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian. [20] Shingles, canned goods, and general.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 15	Abangarez	United Fruit Co.	New Orleans via Habana.	July 15	Ulua	United Fruit Co.	New York via Habana.
July 15	Ulua	United Fruit Co.	Port Limon.	July 16	Abangarez	United Fruit Co.	Bocas.
July 15	Perou	French Line	Havre via wayports.	July 16	Eupatoria	Hamburg-American Line	Port Limon.
July 15	Eupatoria	Hamburg-American Line	Hamburg via wayports.	July 18	Ulysses[2]	Panama Railroad Steamship Line	Norfolk.
July 17	San Bruno	United Fruit Co.	Boston via Habana.	July 18	Toloa	United Fruit Co.	Port Limon.
July 17	Toloa	United Fruit Co.	New York via Habana.	July 18	Nessian	Leyland Line	New York.
July 17	Nessian	Leyland Line	Liverpool via wayports.	July 19	Perou	French Line	Havre via wayports.
July 18	Cartago	United Fruit Co.	New Orleans via Habana.	July 19	San Bruno	United Fruit Co.	Boston via Port Limon.
July 18	Tivives	United Fruit Co.	New York via Kingston.	July 19	Tivives	United Fruit Co.	Colombian ports.
July 18	Ulysses[2]	Panama Railroad Steamship Line	High seas.	July 19	Cartago	United Fruit Co.	New Orleans via wayports.
July 19	Abangarez	United Fruit Co.	Bocas.	July 19	Abangarez	United Fruit Co.	New Orleans.
July 20	St. Mihiel[3]	U. S. Army	New York via San Juan.	July 19	Cristobal	Panama Railroad Steamship Line	New York via Haiti.
July 20	Chateau Thierry[3]	U. S. Army	New York and wayports.	July 21	Bayano	Elders & Fyffes Line	Kingston and Bristol.
July 21	Bayano	Elders & Fyffes Line	Port Limon.	July 21	Ulysses[2]	Panama Railroad Steamship Line	Norfolk.

[2] Towing steamship Gen. H. F. Hodges. [3] Transport.

PORT OF BALBOA.

July 17	Memnon[1]	General Steamship Corp. (S. B.)	Iquique.	July 17	Memnon[1]	General Steamship Corp. (S. B.)	San Francisco.
July 19	Utacarbon[1]	Union Oil Co.	Port San Luis.	July 21	Utacarbon[1]	Union Oil Co.	San Pedro.
July 20	Acasta[1]	Anglo-Saxon Petroleum Co.	San Pedro.	.....	.....	.....	.....
July 20	Colusa	Grace Line	San Francisco.	.....	.....	.....	.....

[1] Tanker. * Other than ships passing through the Canal.

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, July 28, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Saint Jean	21	5.51	22	5.55	22	13.30	22	14.38	French	French Line	397.0	50.3	19.4	Bordeaux	Valparaiso	General	1,533	5,849	4,081
F. Q. Barstow [1]	21	14.34	22	6.17	22	14.08	22	15.13	American	Standard Oil Co	500.0	68.2	18.0	Baltimore	San Pedro	Ballast	.....	10,530	7,604
Harold Walker [1]	21	15.02	22	7.33	22	15.02	22	16.05	American	Pan-American Petroleum Co	430.0	58.0	21.0	New York	Los Angeles	Ballast	.....	6,973	4,658
Denderah	21	9.05	22	7.55	22	15.18	22	16.25	German	Kosmos Line	360.0	51.0	18.1	Hamburg	Salina Cruz	General	702	4,924	3,524
Limicana [1]	21	14.45	22	8.05	22	16.00	23	1.20	British	Anglo-Saxon Petroleum Co	379.0	52.0	19.0	Las Palmas	Los Angeles	Ballast	.....	6,109	4,117
Lancaster	22	3.15	22	8.40	22	17.31	23	10.17	American	Argonaut Steamship Line	434.3	57.7	26.0	New York	San Francisco	General	9,148	7,943	5,872
Aansaldo San Giorgio III	20	20.37	22	9.20	22	17.29	23	3.00	Italian	Transatlantica Italiana	385.7	51.7	15.6	Genoa	Valparaiso	General	1,011	5,759	4,013
Victoria Maru	22	9.20	22	10.35	22	18.26	23	1.07	Japanese	Kokusai Kisen Kaisha	385.0	51.0	11.0	New York	Valparaiso	Ballast	.....	6,250	4,700
Huallaga	15	19.25	22	10.50	22	19.21	22	20.24	Peruvian	Peruvian Line	360.0	44.7	20.2	Cristobal	Buenaventura	General	212	4,514	2,386
Basford [2]	22	1.15	22	8.35	22	15.03	23	15.00	American	Sante Fe Railroad (S. B.)	142.0	27.7	17.0	Galveston	San Francisco	Ballast	.....	444	120
Steel Inventor	22	16.50	23	6.12	23	13.26	23	18.44	American	U. S. Steel Products Co	424.2	56.2	24.0	Baltimore	Los Angeles	(6)	7,047	7,611	5,450
Point Loma	22	10.55	23	7.10	23	16.57	26	2.09	American	Hartwood Lumber Co	251.0	43.5	19.0	Mobile	San Francisco	General	2,600	2,230	1,441
Craster Hall	22	18.35	23	7.15	23	15.05	23	16.10	American	U. S. Steel Products Co	380.0	50.0	24.6	Baltimore	Seattle	(7)	5,857	4,945	3,508
J.A.Moffett,Jr. [1]	22	23.35	23	7.55	23	15.56	23	17.00	American	Standard Oil Co	499.0	68.0	21.0	New York	San Pedro	Ballast	.....	11,037	7,995
Byron D. Benson [1]	23	1.00	23	8.28	23	16.37	23	17.30	American	Tidewater Oil Co	465.4	60.2	20.0	New York	San Pedro	Ballast	.....	8,546	6,095
Arator [3]	23	7.40	23	12.10	23	20.28	25	12.35	Swedish	Svenska Lantmannens Rederi	367.0	51.3	25.3	Christiania	Portland	General, cement	6,983	5,448	3,967
Steel Exporter	23	13.05	23	13.10	23	21.13	24	1.28	American	U. S. Steel Products Co	424.2	56.2	27.0	New York	Vancouver	General	8,397	7,611	5,450
Dicto	23	13.20	23	13.30	23	22.02	23	23.31	Norwegian	B. Stolt Nielsen & Co	341.2	48.3	19.6	Norfolk	Santa Rosalia	Coal	2,997	4,369	3,180
Choyo Maru	23	6.53	24	6.10	24	13.30	24	15.00	Japanese	Toyo Kisen Kaisha	400.0	53.0	14.3	Liverpool	Caleta Colosa	Ballast	.....	6,186	4,457
Birkenhead	23	6.42	24	7.25	24	14.52	24	17.55	American	Vacuum Oil Co	425.0	57.2	17.0	Philadelphia	San Pedro	Ballast	.....	7,502	4,982
Shreveport [1]	23	16.47	24	8.08	24	15.28	24	16.30	American	Walker & Daly (S. B.)	435.0	56.0	22.0	New York	San Pedro	Ballast	.....	7,411	5,103
Samuel Q. Brown [1]	24	5.25	24	8.40	24	15.43	24	16.55	American	Tidewater Oil Co	424.0	58.0	19.0	New York	Los Angeles	Ballast	.....	7,333	5,246
Eurana [1]	24	7.35	24	9.10	24	16.15	24	17.18	American	New York Shipbuilding Co	419.3	56.3	19.0	New York	San Pedro	Ballast	.....	6,989	4,976
Megna	24	6.47	24	10.00	24	17.18	24	18.25	British	James Nourse, Ltd	421.0	56.0	26.1	Pt. of Mexico	Brisbane	General	7,606	6,313	4,558
S-34 [4]	.....	.....	25	6.35	25	12.30	25	16.15	American	U. S. Navy	209.0	19.0	.....	Cristobal	Balboa	Ballast	.....	.....	.....
S-35 [4]	.....	.....	25	6.35	15	12.30	25	16.15	American	U. S. Navy	209.0	19.0	.....	Cristobal	Balboa	Ballast	.....	.....	.....
Balboa	21	22.55	25	7.35	25	14.27	25	15.35	Colombian	Comp. Colombiana de Vapores	190.0	29.1	13.1	Cristobal	Buenaventura	General	80	737	335
Talamanca [5]	.....	.....	25	7.57	25	13.30	.....	.....	Panaman	United Fruit Co	58.3	16.4	.....	Gatun Lake	Balboa	Ballast	.....	40	27
Santa Clara	25	10.06	25	10.20	25	17.33	25	18.25	American	Atlantic & Pacific Steamship Co.	404.6	53.9	24.6	Baltimore	Puget Sound	General	5,166	6,760	4,450
Aladdin [1]	25	10.33	25	10.48	25	18.19	25	19.00	American	Standard Transportation Co	435.0	58.0	18.0	Providence	San Pedro	Ballast	.....	7,408	5,112
Tongking [3]	22	20.30	25	12.05	25	19.33	25	20.32	Danish	East Asiatic Co	398.2	53.6	27.10	Copenhagen	Vancouver	(8)	9,472	7,013	5,317
Joseph M. Cudahy [1]	25	13.55	25	14.05	25	20.30	25	21.30	American	Sinclair Navigation Co	430.2	59.2	20.0	New Orleans	Los Angeles	Ballast	.....	7,954	5,842
Katrina Luckenbach	25	16.55	26	6.25	26	14.07	26	23.23	American	Luckenbach Line	446.0	56.0	21.0	Mobile	Seattle	General	9,154	8,508	6,179

[1] Tanker. [2] Tug. [3] Motor ship. [4] Submarine. [5] Motor schooner. [6] Steel, tin plates, and general. [7] Structural steel, iron pipes, and tin plates. [8] Steel rails, rags, and general.

Chaumont [9]	25	7.12	26	7.24	26	14.47	28	11.21	American	U. S. Navy	448.0	58.2	23.11	New York	Seattle	(12)	279	.....	.....
Paparoa	25	6.35	26	7.55	26	16.06	26	23.00	British	New Zealand Shipping Co	430.0	54.0	29.4	Liverpool	Auckland	General	5,644	8,209	6,121
City of Lincoln	25	10.50	26	8.25	26	16.53	26	17.45	British	Ellerman & Bucknell	418.0	53.0	20.7	Norfolk	Los Angeles	General	4,490	7,011	5,280
Edward Luckenbach	26	2.40	26	9.18	26	17.52	26	18.50	American	Luckenbach Line	437.0	57.0	30.0	New York	Los Angeles	General	9,888	8,543	6,427
Spreewald [10]	25	21.43	26	9.42	26	18.32	27	1.52	German	Hamburg-American Line	399.0	54.0	19.0	Hamburg	Valparaiso	General	4,500	6,791	4,997
Corinto	17	15.20	26	9.52	26	19.40	27	8.35	American	Pacific Mail Steamship Co	261.1	40.0	16.7	Cristobal	San Francisco	General	1,906	2,403	1,560
Orleans	26	8.43	26	10.20	26	20.30	27	3.56	American	Oriental Navigation Co	395.0	55.0	26.0	Norfolk	Pearl Harbor	Coal	9,050	7,330	5,233
Scottsburg	26	8.55	26	11.10	26	21.20	27	8.30	American	Barber Line (S. B.)	419.0	56.0	27.0	New York	Honolulu	General, case oil	8,009	8,696	6,316
Celtic Prince	26	6.52	26	11.48	26	22.12	26	23.07	British	Prince Line	449.5	57.3	28.1	New York	Yokohama	General, pet	6,265	8,699	6,208
Storviken	26	6.24	27	6.30	27	14.57	27	15.50	Norwegian	H. Wallim	380.0	53.0	15.0	Newcastle	Portland	Ballast	.....	5,342	3,826
Casiana [11]	26	16.55	27	6.40	27	15.34	28	23.17	American	E. L. Doheny	254.0	33.0	16.0	LaGuayra	Los Angeles	Ballast	.....	1,197	477
Ramsay	26	16.00	27	7.35	27	16.28	27	17.35	British	Bolton Steamship Co	400.0	52.0	14.0	Philadelphia	Caleta Colosa	Ballast	.....	5,666	3,915
Buenos Aires [10]	26	23.05	27	8.27	27	17.20	28	11.43	Swedish	Johnson Line	426.0	56.0	25.6	Gothenborg	San Francisco	(13)	8,509	7,591	5,660
Cecil County [1]	26	20.25	27	8.50	27	17.25	27	19.04	American	Walker & Daly (S. B.)	431.0	59.2	18.10	New York	San Pedro	Ballast	.....	8,097	5,261
Corinthic	27	5.15	27	9.10	27	18.15	28	2.00	British	Oceanic Steam Navigation Co	500.0	63.0	24.8	London	Wellington	General	3,143	12,821	9,507
Eastern Knight	27	10.30	27	10.45	27	19.10	28	0.59	American	Colombia Pacific Steamship Co	415.0	55.7	27.2	Baltimore	Los Angeles	General, steel	9,400	7,643	5,657
Singapore Maru	27	17.30	28	6.35	28	13.55	28	16.35	Japanese	Kokusai Steamship Co	385.0	51.0	23.6	Pensacola	Yokohama	General	5,729	5,914	4,389
Steelore	28	7.33	28	8.10	28	16.17	29	0.37	American	Ore Steamship Co	550.3	72.2	24.0	Baltimore	Cruz Grande	Ballast	.....	15,551	4,297
Commercial Spirit	28	10.45	28	10.55	28	17.42	28	23.05	American	Moore & McCormack	380.4	53.1	23.8	Norfolk	Seattle	General, steel	5,773	5,659	4,138
D. G. Schofield [1]	28	12.57	28	13.05	28	19.14	28	20.12	American	Standard Oil Co	439.5	58.0	21.0	New York	Los Angeles	Ballast	.....	8,698	6,040

[1] Tanker. [9] Transport. [10] Motor ship. [11] Yacht. [12] Army and Navy stores. [13] Cement, paper, pulp, and general.

THROUGH THE CANAL.—PACIFIC TO ATLANTIC.

Middlesex	21	14.00	22	7.02	22	14.40	22	16.25	British	Federal Steam Navigation Co	460.0	62.8	22.0	Auckland	Boston	Frozen, general	4,076	10,599	7,641
I. C. White [1]	21	15.51	22	8.00	22	15.20	22	15.20	American	Pan-Amer. Pet. & Transp. Co	429.3	59.2	28.8	San Pedro	New Orleans	Crude oil	10,924	7,925	5,840
Santa Rosa	21	17.00	22	8.43	22	15.40	22	15.40	American	Pacific Mail Steamship Co	404.0	53.9	27.0	San Francisco	New York	(14)	7,020	6,754	4,780
San Lorenzo [1]	21	17.20	22	8.52	22	17.20	22	17.20	British	Eagle Oil Transport Co	527.2	66.6	28.9	San Pedro	Tuxpan	Crude oil	16,000	12,116	9,022
Oriana	22	3.00	22	9.36	22	17.40	22	21.15	British	Pacific Steam Navigation Co	465.7	56.2	23.0	Coronel	Liverpool	General	4,098	8,620	5,345
Robin Goodfellow	22	8.30	22	10.04	22	18.30	22	18.30	American	Seas Shipping Co	424.8	55.2	21.0	Tacoma	Boston	General	5,441	7,473	5,535
Venice Maru	22	10.45	22	14.23	22	22.05	22	22.05	Japanese	M. Kataoka	405.0	53.0	27.6	Junin, Chile	New Orleans	Nitrate of soda	9,033	7,025	5,025
Alkmaar	22	18.00	23	7.44	23	15.33	24	0.02	Dutch	Royal Netherlands W. I. Mail	447.0	62.7	26.6	Bahia de C'r'z	Liverpool	General	10,000	9,505	6,644
Algonquin [1]	22	18.20	23	8.10	23	17.00	23	17.00	American	Standard Transp. Co. of Del	435.0	56.0	27.0	Los Angeles	New York	Crude oil	9,440	7,602	5,337
American	22	10.55	23	9.00	23	17.30	23	17.30	American	American-Hawaiian Line	406.8	51.1	24.9	Los Angeles	Philadelphia	Lumber, general	6,242	5,918	4,112
Santa Luisa	23	11.10	23	12.57	23	18.45	23	22.50	American	Grace Line, Inc	360.2	51.6	23.6	Talcahuano	New York	(15)	3,608	5,694	3,975
Bethelridge [1]	18	6.30	23	13.47	23	21.05	23	21.05	American	Walker & Daly (S. B.)	431.0	59.2	25.6	San Pedro	New York	Crude oil	9,382	7,819	5,094
Rotarian	23	15.30	24	6.55	24	14.18	24	14.18	American	Wessel, Duval & Co. (S. B.)	380.0	53.1	23.8	Iquique	New York	Nitrate of soda	6,747	5,660	4,059
Atto	24	2.15	24	8.05	24	15.45	24	17.55	German	Roland Line	360.6	51.0	23.0	Valparaiso	Antwerp	Nitrate, cotton	5,790	4,805	3,400
El Oso [1]	24	4.00	24	9.28	24	16.45	24	17.45	British	C. T. Bowring Co., Ltd	440.5	57.6	26.6	San Pedro	Tampico	Crude oil	9,453	7,478	5,040
Agwilake [1]	24	4.30	24	11.18	24	18.50	24	18.50	American	Ward Line	468.3	62.7	28.0	San Pedro	Boston	Crude oil	12,100	9,802	6,957
Willfaro	25	6.00	25	7.39	25	14.20	25	14.20	American	Williams Steamship Co	386.8	52.2	24.6	San Francisco	New York	General, lumber	4,070	5,684	4,113
Manuel Arnus	25	7.30	25	9.25	25	16.15	27	18.00	Spanish	Compania Trasatlantica	435.0	56.0	19.0	Valparaiso	Barcelona	General	33	7,732	5,518
Agwisea [1]	25	12.15	25	11.05	25	19.15	25	19.15	American	Ward Line	468.3	62.7	29.0	Los Angeles	New York	Crude oil	12,664	9,802	6,961
Swifteagle [1]	24	23.30	25	11.38	25	20.23	25	21.32	American	C. D. Mallory	464.6	60.2	28.0	San Pedro	Fall River	Crude oil	12,000	8,473	5,997

[1] Tanker. [14] Lumber, copper, shingles, and general [15] Copper, nitrate, cotton, borax, etc.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Stanley Dollar	25	14.15	25	15.03	25	22.15	26	8.10	American	Dollar Line	401.4	54.0	.....	San Francisco	Baltimore	General	6,000	6,598	4,704
Tuscaloosa City	25	6.00	25	15.12	25	22.53	25	22.53	American	Isthmian Steamship Line	424.2	56.2	22.0	San Francisco	Boston	(17)	5,542	7,611	5,450
Deroche [1]	25	14.00	26	6.55	26	15.00	26	15.00	American	Union Oil Co	435.0	56.0	30.0	San Pedro	Baltimore	Crude oil	10,500	7,452	5,199
Bologna	25	24.00	26	8.14	26	15.25	28	17.12	Italian	Italian Line	336.0	47.0	18.0	Valparaiso	Genoa	General	406	5,531	3,774
Kentuckian	26	2.00	26	9.02	26	16.07	26	16.07	American	American-Hawaiian Line	414.5	53.7	24.0	Tacoma	Boston	General	5,600	7,049	4,941
Rio Blanco	26	7.00	26	9.24	26	17.26	26	17.26	British	Thompson Shipping Co	362.7	53.2	24.0	Saigon	Habana	Rice	6,800	5,034	3,466
Halsey [1]	26	8.50	26	12.48	26	10.33	26	22.33	American	C. D. Mallory & Co	435.0	56.0	27.10	San Pedro	Baltimore	Crude oil	11,253	7,642	5,324
Chilore [1]	26	5.40	26	15.00	27	16.47	27	16.47	American	Ore Steamship Corp	549.6	72.2	32.3	Cruz Grande	Baltimore	Iron ore	19,700	14,538	9,348
Victorious	25	21.10	27	7.25	27	17.35	28	1.05	American	Tampa Interocean Steamship Co.	336.0	56.0	30.6	Saigon	New York	General	10,000	8,328	6,036
O-2 [16]	6-10	13.30	27	7.28	27	16.50	.....	.....	American	U. S. Navy	.....	.....	.....	Balboa	Cristobal	.....	.....	.....	.....
Calgarolite [1]	26	23.30	27	8.05	27	17.40	27	17.40	British	Imperial Oil Co., Ltd	463.3	60.2	27.2	Talara	New York	Crude oil	10,400	8,491	6,096
John Worthington [1]	27	2.00	27	8.50	27	18.18	27	22.40	American	Standard Oil Co. of N. J.	464.4	60.2	28.0	San Pedro	Charleston	Crude oil	11,830	8,491	6,096
Delaware Sun [1]	27	3.00	27	9.50	27	18.53	27	18.53	American	Sun Oil Co	480.5	66.0	28.6	San Pedro	Philadelphia	Crude oil	13,500	9,402	6,585
Vermont	27	3.00	27	10.48	27	20.15	28	2.40	French	French Line	400.0	52.0	26.0	Vancouver	Havre	General	7,046	5,822	4,187
Sunbeam [1]	27	7.30	27	11.32	27	21.00	28	3.30	American	Sun Oil Co	429.3	59.2	27.0	Los Angeles	New York	Crude oil	10,600	7,709	5,481
Stanley	27	13.35	27	14.30	27	22.00	27	22.00	American	Barber Steamship Line (S. B.)	401.7	54.8	26.0	Cebu	New York	(18)	8,471	6,933	5,187
Gen. Geo. W. Goethals	27	18.00	28	7.12	28	14.30	29	20.55	American	Panama Railroad S. S. Line	353.0	48.7	17.0	Guayaquil	New York	(19)	904	5,226	3,617
S. B. Hunt [1]	27	22.00	28	7.59	28	16.03	28	16.03	American	Standard Oil Co. of N. J.	429.3	59.2	28.0	San Pedro	New York	Crude oil	11,150	7,652	5,522
Sydney M. Hauptman	28	5.30	28	8.53	28	16.28	29	6.12	American	McCormick Steamship Line	401.45	53.2	23.6	Seattle	New York	Lumber	7,600	7,082	5,167
Bohemian Club [1]	28	7.50	28	10.03	28	19.12	28	19.12	American	Atlantic Refining Co	425.0	57.2	27.8	San Pedro	Philadelphia	Crude oil	10,200	7,204	4,769
Ucayali	28	8.15	28	11.07	28	18.30	.....	.....	Peruvian	Peruvian Line	374.7	46.3	20.0	Callao	Cristobal	General	1,612	4,466	2,405

[1] Tanker. [16] Submarine. [17] Lumber and canned goods. [18] Sugar, hemp, bamboo, copra, etc. [19] Coffee, cocoa, tagua, hides, hats, and rubber.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.

Date.	Vessel.	Line.	From—
July 22	Atenas	United Fruit Co	New Orleans via Habana.
July 22	Toloa	United Fruit Co	Port Limon.
July 23	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
July 23	Robin [19]	U. S. Navy	Norfolk.
July 24	Calamares	United Fruit Co	New York via Habana.
July 24	San Blas	United Fruit Co	Boston via Habana.
July 24	Oranje Nassau	Royal Netherlands W. I. Mail	Amsterdam via wayports.

[19] And barge. [20] Transport.

*DEPARTURES.

Date.	Vessel.	Line.	For—
July 22	Toloa	United Fruit Co	New York via Habana.
July 22	Chateau Thierry [20]	U. S. Army	Norfolk.
July 23	St. Mihiel [20]	U. S. Army	New York.
July 23	Atenas	United Fruit Co	Bocas del Toro.
July 25	Oranje Nassau	Royal Netherlands W. I. Mail	Port Limon.
July 25	San Blas	United Fruit Co	Boston via Port Limon and Jamacia.

(Continued on page 684, column 2.)

MOVEMENTS OF OCEAN VESSELS.

Week ending at midnight, August 4, 1923.

THROUGH THE CANAL—ATLANTIC TO PACIFIC.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Albaro	27	10.10	29	6.08	29	14.51	29	15.56	Italian	Italian Line	321.2	40.2	17.11	Genoa	Valparaiso	General	423	3,039	2,090
Suelco	28	14.50	29	6.20	29	14.55	29	21.15	American	Submarine Boat Corporation	324.0	46.2	19.8	New York	Seattle	General	2,503	3,984	2,612
Santa Rosalia	28	16.35	29	7.35	29	15.43	29	16.47	American	U. S. Steel Products Co	406.0	52.6	21.0	New York	Valparaiso	General	4,500	5,900	4,443
Ohioan	29	3.40	29	7.57	29	16.20	29	22.49	American	American-Hawaiian Line	408.0	54.0	25.0	Philadelphia	Los Angeles	General mdse	6,000	7,112	4,896
Steel Navigator	29	6.00	29	9.17	29	16.30	29	20.38	American	U. S. Steel Products Co	424.0	56.0	24.10	Philadelphia	Yokohama	General	7,974	7,611	5,454
Clan MacKenzie	29	6.50	29	9.22	29	17.04	29	18.12	British	Cayzer Irvine & Co	420.0	53.0	21.0	Philadelphia	Auckland	General	6,049	6,752	4,729
Brattingsborg	29	9.43	29	9.50	29	17.35	29	18.46	Danish	C. K. Hansen	325.0	47.0	13.0	Curacao	Pisagua	Ballast	.....	3,350	2,390
Sabine Sun [1]	29	10.14	29	11.00	29	18.18	30	0.01	American	Sun Oil Co	429.0	59.2	20.0	New York	Los Angeles	Ballast	.....	7,621	5,277
Nordlys	29	10.14	29	11.18	29	19.09	30	13.45	Danish	Norden Steamship Co	362.0	51.3	15.6	New Orleans	Chile	Ballast	.....	4,932	3,468
Eastern Sea	29	13.10	29	13.20	29	20.10	30	13.15	American	U. S. & Australia Line (S. B.)	384.0	51.1	23.6	New York	Brisbane	General	4,276	5,934	4,415
Trekieve	29	13.55	30	6.20	30	15.37	30	16.30	British	Edward Hain & Sons	400.1	52.4	22.0	New York	Dunedin	General	3,908	5,766	4,083
Ebro	29	9.48	30	7.25	30	16.31	30	17.20	British	Pacific Steam Navigation Co	450.0	57.0	25.3	New York	Valparaiso	General	2,280	9,151	6,227
Selma City	29	23.55	30	7.35	30	16.58	30	18.15	American	U. S. Steel Products Co	424.2	56.2	25.9	New Orleans	Yokohama	(6)	7,440	7,611	5,450
Eknaren [2]	30	2.05	30	8.48	30	18.47	30	22.15	Swedish	Transatlantic Steamship Co	420.0	54.0	22.0	Antwerp	San Pedro	General	7,300	7,105	5,193
Halo [1]	30	6.25	30	9.30	30	19.38	31	7.46	American	Cities Service Transp. Co	435.1	56.0	18.0	Boston	San Pedro	Ballast	.....	7,642	5,274
Durango [1]	30	7.34	30	9.55	30	20.36	31	1.02	American	Malston Steamship Co	435.0	56.0	20.0	Baltimore	San Pedro	Ballast	.....	7,642	5,274
Indien [2]	30	10.25	30	10.55	30	21.24	30	22.21	Danish	Orient Steamship Co	390.7	53.2	14.2	Norfolk	Iquique	Ballast	.....	6,173	4,418
Patuxent [3]	.....	.....	30	8.00	30	10.19	.....	.....	American	U. S. Navy	156.0	29.0	.....	Cristobal	Gatun Lake	(7)	.....	.....	.....
Ruby [4]	.....	.....	30	.....	30	12.39	.....	.....	American	E. J. Hooper	.....	.....	.....	Cristobal	Gatun Lake	Ballast	.....	1	1
Strombus [1]	30	10.30	31	6.23	31	15.04	31	16.10	British	Anglo-Saxon Petroleum Co	410.0	52.1	20.0	London	San Pedro	Ballast	.....	6,495	4,741
Bethore [1]	30	15.27	31	7.15	31	16.13	31	17.20	American	Ore Steamship Co	550.0	72.2	25.0	New York	Cruz Grande	Ballast	.....	15,476	4,354
William Rockefeller [1]	31	1.45	31	8.00	31	17.08	31	18.15	American	Standard Oil Co	554.9	75.3	18.9	New York	San Pedro	Ballast	.....	14,785	10,313
Hoxbar [1]	29	8.30	31	8.30	31	17.59	31	19.00	American	McAllister Brothers (S. B.)	434.0	56.0	17.0	Pensacola	San Pedro	Ballast	.....	7,421	5,174
Willhilo	31	10.30	31	10.50	31	19.03	31	22.45	American	Williams Line	434.3	57.7	23.9	New York	Tacoma	(8)	8,900	7,983	5,882
Frontiersman [5]	30	17.48	31	11.10	31	19.45	31	21.36	British	Captain MacMillan	169.8	24.1	14.0	Saint Lucia	Los Angeles	Ballast	.....	358	241
Rio Gatun [4]	30	.....	31	.....	31	12.52	.....	.....	Panaman	A. R. Eckhart	.....	.....	.....	Cristobal	Gatun Lake	Unknown	.....	8	8
Author	30	12.37	1	6.07	1	13.07	1	14.25	British	Harrison Line	423.2	53.0	15.3	Liverpool	San Francisco	Ballast	.....	6,382	4,614
Margit	31	12.15	1	6.25	1	13.51	1	15.15	Chilean	Rafael Torres	215.0	32.0	13.0	London	Valparaiso	Explosives	800	1,045	598
Chuky [1]	31	15.13	1	7.25	1	15.30	1	16.47	British	Sheridan Steamship Co	440.0	56.0	26.6	Tampico	Tocopilla	Crude oil	9,593	7,691	4,723
Charles H. Cramp	1	8.35	1	9.00	1	16.30	1	21.00	American	Argonaut Steamship Co	404.6	53.9	28.6	Boston	Seattle	General	8,169	6,755	4,750
Gen. O. H. Ernst	30	12.45	1	11.00	1	17.05	2	5.50	American	Panama Railroad Steamship Line	356.0	45.3	19.8	New York	Guayaquil	General	1,042	4,503	2,764
Suruga	1	6.25	1	11.30	1	19.06	1	21.00	American	Barber Line	375.3	52.0	24.8	New York	Yokohama	General	4,579	5,177	3,877
W. W. Mills [1]	1	13.20	1	13.30	1	19.55	1	21.00	American	Pure Oil Co	424.0	58.0	17.0	Marcus Hook	San Pedro	Ballast	.....	7,333	5,119
Anna E. [4]	.....	.....	1	.....	1	9.30	.....	.....	American	C. A. Blair	.....	.....	.....	Cristobal	Gatun Lake	Ballast	.....	1	1

[1] Tanker. [2] Motor ship. [3] Tug. [4] Launch. [5] Yacht. [6] Steel, sulphate of ammonia. [7] Towing barges *No. 293* and *No. 295*. [8] General, steel, oil and machinery.

Catinat	31	16.07	2	6.15	2	14.01	2	15.20	French	Soc. Gen. d'Armement Nantes	472.0	61.0	27.8	Louisburg	Shanghai	General, pet.	9,452	9,124	6,749
Jason	31	19.50	2	7.05	2	14.49	2	15.55	Dutch	Royal Netherlands W. I. Mail	360.0	48.6	19.0	Hamburg	Guayaquil	General	3,100	4,321	3,120
Minnesota [9]	1	14.03	2	7.15	2	17.46	2	21.05	American	Colonel Smoot	125.0	38.0	9.0	Chester	Salina Cruz	Ballast	.....	501	501
Japan Arrow [1]	1	19.48	2	7.45	2	15.47	2	16.58	American	Standard Transportation Co	468.3	62.7	21.0	Providence	Los Angeles	Ballast	.....	10,084	7,426
Munwood	1	14.03	2	8.27	2	16.39	2	21.05	American	Munson Line	345.0	48.0	21.0	Chester	Salina Cruz	General, coal	2,000	3,794	2,486
Palena	29	21.10	2	8.35	2	17.22	2	18.30	Chilean	Chilean Line	350.0	42.1	22.10	Cristobal	Valparaiso	General	798	3,666	2,577
Ardmore [1]	1	20.25	2	9.05	2	19.16	2	20.34	American	Standard Oil Co	449.5	59.6	20.0	Baltimore	San Pedro	Ballast	.....	8,612	6,457
T. J. Williams [1]	1	22.15	2	9.43	2	20.00	2	21.00	American	Standard Oil Co	465.4	60.2	20.4	New York	San Pedro	Ballast	.....	8,585	6,087
Haarlem	1	8.20	2	10.25	2	20.34	2	21.34	Dutch	Royal Netherlands W. I. Mail	374.0	50.0	21.6	Hamburg	Corral	General	4,792	4,759	3,660
Santa Elisa	1	19.38	2	10.43	2	21.34	2	23.10	American	Grace Line	360.3	51.7	22.6	New York	Talcahuano	General	1,925	5,957	4,325
Andrea F. Luckenbach	2	7.50	2	11.10	2	21.30	3	2.35	American	Luckenbach Line	496.0	68.2	29.6	Philadelphia	Seattle	General	13,256	11,487	8,762
Corona	2	6.45	2	11.25	2	22.25	2	23.34	Norwegian	Corona Steamship Co	334.2	48.0	13.4	Newport News	Coos Bay	Ballast	.....	3,662	2,370
William Campion	1	22.35	2	11.35	2	23.00	3	0.10	American	Garland Steamship Corp	384.4	51.2	20.2	New York	Seattle	General	4,769	6,327	4,433
Port Adelaide	2	14.55	3	6.25	3	13.50	3	14.51	British	Commonwealth & Dom. Line	481.2	62.0	21.0	New York	Sydney	General	4,500	10,777	8,130
Minnesotan	2	18.25	3	7.20	3	16.03	3	22.06	American	American-Hawaiian Line	407.0	53.7	22.0	Boston	Puget Sound	General	5,346	7,150	4,913
Sutorpco	2	19.04	3	7.58	3	16.51	3	18.10	American	Submarine Boat Corporation	324.0	46.0	16.5	Newark	Los Angeles	General	2,000	3,984	2,612
Argosy	2	19.45	3	8.00	3	17.31	3	18.30	American	Wessel Duval & Co. (S. B.)	390.0	54.0	20.2	New York	Paita	(11)	3,733	6,203	4,280
India Arrow [1]	3	4.00	3	8.42	3	18.06	3	19.12	American	Standard Transportation Co	468.3	62.7	26.0	Beaumont	Yangtze River	Kerosene	11,028	10,084	7,426
Fredensbro	2	18.05	3	9.10	3	19.04	4	13.25	Danish	Det Oversoeiske Companie	301.0	44.0	13.1	New Orleans	Talcahuano	General	1,374	2,997	2,113
Pear Branch	3	7.08	3	9.45	3	19.58	3	21.08	British	Nautilus Steamship Co	398.6	53.8	19.1	Liverpool	Guayaquil	General	1,064	5,760	3,866
Colombia	3	12.00	4	6.07	4	13.50	5	1.30	American	Pacific Mail Steamship Co	380.0	49.0	22.7	New York	San Francisco	General	2,655	6,015	4,281
Rio Gatun [10]	2	.....	4	.....	4	8.15	.....	.....	Panaman	A. R. Eckhart	.....	.....	.....	Cristobal	Gatun Lake	Unknown	.....	8	8
Patrick Henry	4	9.25	4	9.35	4	16.56	4	18.00	American	Tampa Interocean Co. (S. B.)	439.6	60.2	26.0	New Orleans	Manila	.....	9,042	9,987	6,612
Ucayali	28	18.30	4	10.30	4	17.51	4	20.26	Peruvian	Peruvian Line	374.7	46.3	18.3	Cristobal	Callao	General	623	4,466	2,405
Carolyn	3	21.00	4	12.35	4	19.50	5	7.02	American	A. H. Bull & Co	313.0	46.0	.....	Norfolk	Bremerton	Coal	4,363	3,644	2,566

[1] Tanker. [9] Dredge. [10] Launch. [11] Cement, steel, machinery, and general cargo.

THROUGH THE CANAL.—PACIFIC TO ATLANTIC.

Cannonpark	29	1.00	29	6.45	29	14.35	29	15.25	British	N. O. & S. A. S. S. Co	300.6	43.6	21.4	Talcahuano	Jacksonville	Nitrate of soda	4,034	2,951	1,879
Hagood [1]	29	1.45	29	8.17	29	16.30	.....	.....	American	Cities Service Corporation	435.6	56.2	27.6	San Pedro	Boston	Crude oil	10,000	7,426	5,123
Henry S. Grove	29	2.15	29	8.35	29	16.35	29	16.35	American	Argonaut Steamship Lines	404.6	53.9	20.4	Everett	Baltimore	Lumber, ore	4,600	6,755	4,688
Sudbury	29	3.10	29	9.05	29	17.30	29	22.35	American	American-Hawaiian Line	384.8	51.2	21.0	Los Angeles	New Orleans	General, copper	4,557	5,571	4,033
Centaurus	29	3.45	29	10.04	29	18.00	29	18.00	American	Argonaut Steamship Lines	409.8	54.2	22.6	San Francisco	New York	Lumber, general	6,500	6,581	4,795
J. L. Luckenbach	29	4.30	29	10.22	29	18.10	29	18.10	American	Luckenbach Line	448.9	60.2	27.8	San Francisco	New York	General	7,000	9,294	6,861
Maple Branch	29	6.00	29	10.35	29	19.10	29	20.20	British	F. and W. Ritson	399.5	52.0	23.9	Mejillones	Liverpool	Nitrate, General	7,008	5,618	4,116
Herman Frasch	29	6.00	29	10.55	29	20.23	29	20.23	American	Union Sulphur Co	356.0	51.6	15.8	San Francisco	Sabine, Tex.	Ballast	.....	5,349	2,950
Palena	28	22.00	29	13.45	29	21.10	2	8.35	Chilean	South American Line	350.0	42.0	20.4	Talcahuano	Cristobal	General	30	3,666	2,577
Venezuela	29	8.40	30	7.06	30	14.15	31	12.03	American	Pacific Mail Steamship Co	380.0	48.9	22.6	San Francisco	New York	General	2,000	6,033	4,353
E. L. Doheny [1]	29	13.35	30	7.54	30	16.10	30	16.10	American	Pan.-Amer. Pet. & Trasp. Co	467.6	62.7	29.6	San Pedro	New Orleans	Crude oil	13,310	9,666	7,033
Manavi	29	15.10	30	8.45	30	16.20	.....	.....	British	Pacific Steam Navigation Co	216.0	35.1	13.1	Guayaquil	Cristobal	General	530	1,357	884
Lehigh	29	15.33	30	9.02	30	17.05	30	17.05	American	N. Atlantic & Western S. S. Co	390.0	54.2	25.6	Seattle	Philadelphia	Lumber, general	5,038	6,142	4,276
Munrio	29	16.30	30	9.44	30	17.25	30	17.25	American	Munson Line	333.6	48.2	22.0	Marshfield	New York	Lumber	3,800	4,165	3,066
Salvador	29	16.45	30	9.49	30	17.35	5	9.20	British	Pacific Steam Navigation Co	225.0	35.4	13.6	Champerico	Cristobal	General	499	1,270	735

[1] Tanker.

MOVEMENTS OF OCEAN VESSELS.—Continued.

THROUGH THE CANAL—PACIFIC TO ATLANTIC.—continued.

Ship.	Arrived at port.		Entered Canal.		Completed transit.		Cleared for sea.		Nationality.	Line.	Length.	Beam.	Salt water draft.	From—	For—	Cargo.		Panama Canal tonnage.	
	Day.	Hour.	Day.	Hour.	Day.	Hour.	Day.	Hour.								Nature.	Tons.	Gross.	Net.
Republic [1]	29	20.30	30	10.42	30	18.57	30	18.57	American	Chile Steamship Co	345.0	49.0	22.4	Tocopilla	New York	Copper, bars, ore	5,488	4,393	3,006
Hugoton [1]	29	21.48	30	11.01	30	18.20	30	18.20	American	C. D. Mallory & Co	434.8	56.2	28.0	San Pedro	Baton Rouge	Crude oil	10,743	7,429	5,141
Brielle	30	8.20	30	11.47	30	20.42	31	13.17	Dutch	Royal West India Mail Co	423.0	58.0	27.0	Arica	Hamburg	General	8,436	7,322	5,254
Agwipond [1]	30	11.15	30	12.20	30	21.45	31	0.25	American	Ward Line	468.3	62.7	28.0	San Pedro	Baltimore	Crude oil	12,965	9,810	7,018
Rhine Maru	29	21.30	30	12.34	30	22.45	31	10.10	Japanese	Kabushiki Kaisha Kawasaki Zos	405.0	53.0	28.0	Kobe	Azores [14]	Wheat	8,100	7,044	5,136
Lio [1]	30	11.30	30	12.52	30	23.45	31	3.05	American	McAllister Brothers (S. B.)	431.0	59.2	25.0	San Pedro	Philadelphia	Gasoline	11,712	7,817	5,107
El Norte	29	15.00	30	13.03	30	23.30	31	23.30	Panaman	Henry Hustardo	55.0	16.8	6.0	Panama	Colon	Ballast	.....	32	26
Cape Ann [1]	30	13.40	30	14.30	31	1.20	31	8.30	American	Cape Cod Oil Co	425.8	57.0	27.0	San Pedro	New York	Crude oil	9,900	7,484	5,216
Rimutaka	30	14.00	31	7.07	31	14.05	31	19.40	British	New Zealand Steamship Co	457.7	58.2	21.6	Auckland	London	Frozen, general	3,665	9,201	6,961
Elisha Walker [1]	30	18.30	31	7.48	31	15.20	31	15.24	American	Pan-Amer. Pet. & Transp. Co	429.3	59.2	28.6	San Pedro	New Orleans	Crude oil	10,800	7,978	5,971
Albertolite [1]	30	22.00	31	8.36	31	16.50	31	16.50	British	Imperial Oil Co	463.2	60.2	27.6	Talara	New York	Crude oil	11,881	8,491	5,879
Victolite [1]	31	1.14	31	9.05	31	18.05	31	18.05	British	Imperial Oil Co	500.4	68.2	28.6	Talara	New York	Crude naphtha	13,000	11,049	7,732
Toluma	31	2.45	31	10.25	31	19.30	31	22.00	Norwegian	Grace Line	417.8	54.4	28.2	Punta Arenas	New York	General	8,901	7,176	5,219
Walter A. Luckenbach	31	4.14	31	10.37	31	17.25	31	17.25	American	Luckenbach Line	446.5	56.1	27.0	Portland	New York	General	3,500	8,785	6,567
Swiftwind [1]	31	6.45	31	11.11	31	20.40	31	23.20	American	C. D. Mallory	464.6	60.2	27.7	San Pedro	Fall River	Crude oil	12,500	8,473	5,997
Hanley	31	4.30	31	12.05	31	21.20	31	21.20	American	Weyerhauser Timber Co	440.0	56.0	25.0	Everett	Boston	Lumber, general	9,423	8,301	5,995
Canadian Spinner	31	11.45	31	13.13	31	10.35	1	0.15	British	Canadian Gov. Merchant Marine	400.0	52.4	.....	Sydney	Boston	General	400	5,871	4,094
Imlay [1]	31	4.30	31	13.55	31	23.40	31	23.40	American	C. D. Mallory	425.8	57.0	27.0	San Pedro	Baton Rouge	Crude petroleum	10,700	7,218	4,969
Steel Trader	31	3.30	31	14.47	1	0.20	1	0.30	American	Isthmian Steamship Lines	424.2	56.2	27.3	Seattle	London	General	8,000	7,611	5,450
Amasis	31	18.15	1	7.07	1	15.05	1	18.10	German	Kosmos Lines	438.2	55.2	23.0	Corral	Hamburg	General	6,775	7,286	5,174
Floridian	1	4.00	1	7.42	1	15.35	1	18.40	American	American-Hawaiian Line	415.0	53.7	19.0	Seattle	Boston	General	3,866	7,273	5,105
Essequibo	1	11.45	1	13.06	1	19.50	2	11.50	British	Pacific Steam Navigation Co	450.3	57.8	22.0	Valparaiso	New York	General	1,274	9,099	6,117
Taxpanoil [1]	1	8.50	1	14.32	1	22.10	1	22.07	American	McAllister Brothers (S. B.)	431.0	59.2	26.0	San Pedro	Baltimore	Crude oil	9,500	7,862	4,979
Atlantic Sun [1]	1	1.730	2	6.59	2	15.10	2	15.10	American	Sun Oil Co	429.3	59.2	26.6	San Pedro	New York	Crude oil	10,462	7,567	5,350
San Nazario [1]	1	21.05	2	7.52	2	16.20	2	16.20	British	Eagle Oil Transport Co	525.0	66.5	29.3	San Pedro	Tampico	Crude oil	14,697	12,158	8,463
Gymeric [1]	1	23.00	2	8.35	2	17.05	2	20.35	British	Bank Line, Ltd	420.0	54.6	26.0	San Francisco	London	Gasoline	8,572	6,501	4,459
Narbo	1	24.00	2	10.01	2	21.20	3	7.35	American	Tampa Interocean Co. (S. B.)	402.6	53.0	25.0	Hongkong	New York	General	7,677	6,579	4,847
Vacoil [1]	2	5.25	2	11.10	2	21.25	3	5.50	American	Vacuum Oil Co	340.1	49.2	23.6	Los Angeles	Philadelphia	Gasoline	5,247	4,566	2,844
Gulfstate [1]	2	7.00	2	11.12	2	21.40	2	21.40	American	Gulf Refining Co	435.0	56.0	27.0	San Pedro	Port Arthur	Crude oil	10,338	7,643	5,319
Gulfpoint [1]	2	23.55	2	12.51	2	22.45	2	22.45	American	Gulf Refining Co	435.0	56.2	28.0	San Pedro	Port Arthur	Crude oil	10,584	7,426	5,094
Pacific Maru	1	24.00	2	13.26	3	0.55	3	0.55	Japanese	Kawasaki Kisen Kaisha	385.0	51.0	26.6	Valparaiso	Baltimore	Nitrate of soda	8,400	6,251	4,736
India [1]	2	3.00	2	14.12	2	11.50	2	23.50	Dutch	Anglo-Saxon Petroleum Co	460.5	58.2	29.0	San Pedro	Tuxpan	Crude oil	9,000	8,239	5,518
H. H. Rogers [1]	1	23.00	2	9.32	2	18.15	2	18.45	American	Standard Oil Co	500.0	68.0	29.0	San Pedro	New York	Crude petroleum	15,500	10,333	7,475
Lochgoil	2	16.00	3	7.00	3	14.45	3	20.45	British	Royal Mail Steam Packet Co	485.2	62.3	29.6	Vancouver	London	Grain, general	10,000	10,803	7,606
S-3 [13]	2	10.28	3	7.15	3	14.20	.....	.....	American	U. S. Navy	231.0	31.0	.....	Balboa	Cristobal	Ballast	.....	.....	.....
E. T. Bedford [1]	2	20.00	3	8.10	3	16.27	3	16.27	American	Standard Oil Co	499.2	68.1	30.6	San Pedro	New York	Crude oil	25,600	11,009	7,967
Agwismith [1]	3	4.34	3	9.03	3	17.42	3	17.42	American	Ward Line	499.9	68.1	27.0	San Pedro	New York	Crude oil	14,827	10,600	7,447

[1] Tanker. [13] Submarine. [14] For orders.

Richconcal [1]	2	23.47	3	13.20	3	20.45	3	20.45	American	New England Fuel & Transp. Co	435.0	56.0	26.0	San Pedro	Boston	Crude oil	10,000	7,481	5,119
K. R. Kingsbury [1]	3	12.50	3	14.02	3	21.55	3	21.55	American	Standard Oil Co	440.0	58.2	31.0	Los Angeles	New York	Crude oil	11,000	9,033	5,938
Hanover	3	9.15	3	15.13	3	22.50	4	0.05	American	Tampa Interocean S. S. Co. (S. B.)	434.3	57.7	25.0	Takubar	New Orleans	([16])	5,584	7,982	5,911
Remuera	3	4.30	4	7.34	4	14.15	4	14.15	British	New Zealand Shipping Co	485.0	62.3	26.6	Wellington	London	Frozen meat, gen	5,654	11,717	8,751
Eldorado	3	11.00	4	7.59	4	15.22	4	15.22	American	Swayne & Hoyt	245.6	42.0	16.6	Puget Sound	New Orleans	Box shocks, gen.	1,660	2,439	1,662
Borga [14]	3	18.00	4	8.54	4	15.55	4	15.55	Norwegian	Fred Olsen	362.4	51.4	24.0	San Francisco	Dublin	Wheat, general	5,800	5,242	3,706
Oropesa	3	19.45	4	9.20	4	17.25	4	21.55	British	Pacific Steam Navigation Co	552.0	66.0	26.6	Valparaiso	Liverpool	General	5,755	14,510	10,260
Resolute [15]	4	9.00	4	10.32	4	18.25			American	Whitney Bodden Brokerage	182.2	39.5		Callao	El Cuyo	Ballast		742	623
Laura C. Hall	4	6.00	4	12.25	4	21.40	6	6.15	British	Pacific Metals Corporation	81.0	25.6	10.0	Buenaventura	Cristobal	([17])	66	132	72
Urubamba	4	14.20	4	15.21	4	21.43			Peruvian	South American Line	356.8	46.5	16.3	Ilo	Cristobal	General	1,160	4,803	2,951

[1] Tanker. [14] Motor ship. [15] Sail boat. [16] Sugar, rice, licorice root, and general. [17] Platinum, coffee, and gold.

Hours are expressed on the 24-hour basis and all hours greater than 12 are postmeridian.

PORT OF CRISTOBAL.

*ARRIVALS.				*DEPARTURES.			
Date.	Vessel.	Line.	From—	Date.	Vessel.	Line.	For—
July 29	Zacapa	United Fruit Co	New Orleans via Habana.	July 29	Calamares	United Fruit Co	New York via Habana.
July 29	Calamares	United Fruit Co	Port Limon.	July 30	Zacapa	United Fruit Co	Bocas del Toro.
July 30	Eupatoria	Hamburg-American Line	Livingston.	July 30	Gen. W. C. Gorgas	Panama Railroad Steamship Line	New York via Haiti.
July 31	San Gil	United Fruit Co	Boston via Habana.	July 31	Eupatoria	Hamburg-American Line	Cartagena.
July 31	Pastores	United Fruit Co	New York via Habana.	August 1	Pastores	United Fruit Co	Port Limon.
July 31	Puerto Rico	French Line	St. Nazaire via wayports.	August 2	Sixaola	United Fruit Co	Colombian ports.
August 1	Parismina	United Fruit Co	New Orleans via Habana.	August 2	Parismina	United Fruit Co	New Orleans via wayports.
August 1	Sixaola	United Fruit Co	New York via Kingston.	August 2	San Gil	United Fruit Co	Boston via Port Limon and Jamaica.
August 2	Bobolink [18]	U. S. Navy	New York via wayports.				
August 2	Zacapa	United Fruit Co	Bocas del Toro.	August 2	Zacapa	United Fruit Co	New Orleans.
August 4	Coronado	Elders & Fyffes, Ltd	Port Limon.	August 2	Puerto Rico	French Line	St. Nazaire via wayports.
August 1	Arabia [19]	San Blas Trading Co	Colon.	August 4	Coronado	Elders & Fyffes, Ltd	Bristol via Kingston.
				August 1	Arabia [19]	San Blas Trading Co	Colon.

[18] Mine sweeper. [19] Motor schooner.

PORT OF BALBOA.

August 2	Los Angeles	Union Oil Co. of California	Port San Luis.	August 3	Los Angeles	Union Oil Co. of California	Port San Luis.
August 3	Seiyo Maru	Toyo Kisen Kaisha	Hongkong.	August 4	Seiyo Maru	Toyo Kisen Kaisha	Valparaiso.
August 3	Anomia [1]	Anglo-Saxon Petroleum Co	San Pedro.				
August 4	Anyo Maru	Toyo Kisen Kaisha	Hongkong.				
August 4	U. S. S. Galveston	U. S. Navy	Punta Arenas, C. R.				
August 4	Talamanca [20]	United Fruit Co	Chepo, Panama.				

[1] Tanker. [20] Schooner. * Other than ships passing through the Canal.